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NORTH DAKOTA

AGRICULTURAL

STATISTICS

1982

Compiled by

NORTH DAKOTA CROP & LIVESTOCK REPORTING SERVICE

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FOREWORD & TABLE OF CONTENTS

FOREWORD

This is the 25th Annual Summary in a series which dates back to 1957 and is the golden (50th) issue in a series of "Agricultural Statistics" bulletins published by this office. An annual summary is published each year and historic data are consolidated into special issues (25 in all). A reference to major issues in this historic series can be found on the inside of the back cover. It is gratifying to know that nearly 5,500 copies of this publication found their way into useful service last year throughout North Dakota and the Nation, as well as worldwide.

This book is a comprehensive report of farm statistics, including information for the State on crop production, livestock numbers, farm income, prices, weather and grain shipments. Some estimates are also included by counties. Data and format are similar to recent years. Crop disposition estimates have been discontinued from the estimating program.

I want to extend a special "THANK YOU" to the thousands of North Dakota farmers, ranchers and agri-business people who voluntarily report essential basic data for making these estimates. This publication would not be possible without their most gracious and devoted service. The help of county agents, their staff, as well as other University, State and Federal agencies is also appreciated.

Collection and publication of these data have been made possible through the cooperative efforts of the Statistical Reporting Service, U.S.D.A., and North Dakota State University. Data were compiled by the staff of the North Dakota Crop and Livestock Reporting Service. Funds for reproduction were provided by the Agricultural Experiment Station, Department of Agricultural Economics, and Cooperative Extension Service of N.D.S.U. Other contributors include the National Weather Service, North Dakota State Wheat Commission, Malting Barley Improvement Association, the Upper Great Plains Transportation Institute and the Public Service Commission.

Estimates are based on information collected from producers and agri-business establishments. Much of the data are obtained from voluntary reports obtained through mail surveys. Probability sampling techniques are also utilized. All of the agriculture is accounted for within Sample segments of land randomly selected throughout the State. These segments represent a certain portion of the total land which enables the data to be expanded to State estimates.

Samples are also selected from a list of farm operations, "Universe List". State indications are obtained by expanding the sample data. Operations found in the land area frame sample mentioned above are also checked against the names on the list. Those not found are used to measure the incompleteness of the "List". Objective counts and measurements from sample plots in durum and other spring wheat fields. are also used in estimating yields.

OTHER REPORTS AVAILABLE:

N.D. Farm Reporter; Crop-Weather Summary; Custom Farm Work Rates; Wheat Varieties.

Call us at (701) 237-5771, Ext. 306, or write P.O. Box 3166, Fargo, North Dakota 58108, for an order form.

Robert F. Carver

Robert F. Carver
Statistician in Charge

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INTRODUCTORY STATISTICS

NORTH DAKOTA'S RANK

RANK OF COUNTIES

REAL ESTATE

INCOME

WEATHER

THE 10 LEADING STATES AND NORTH DAKOTA'S RANK

Item	1	2	3	4	5	6	7	8	9	10	North Dakota's Rank	Percent of Nation
CROP PRODUCTION - 1981												
Corn for Grain	Iowa	Ill.	Nebr.	Minn.	Ind.	Wisc.	Ohio	Mich.	Mo.	S.Dak.	22	1
Corn for Silage	Wisc.	Minn.	N.Y.	Iowa	Nebr.	Pa.	S.Dak.	Mich.	Ohio	Calif.	16	2
Winter Wheat	Kans.	Tex.	Okla.	Wash.	Mo.	Neb.	Ill.	Calif.	Mont.	Colo.	37	*
Durum Wheat	N.Dak.	Ariz.	Calif	Mont.	S.Dak.	Minn.	--	--	--	--	1	70
Other Spring Wheat	N.Dak.	Minn.	Mont.	S.Dak.	Idaho	Wash.	Oreg.	Colo.	Utah	Wisc.	1	39
All Wheat	N.Dak.	Kans.	Tex.	Mont.	Okla.	Wash.	Minn.	Mo.	Calif.	Nebr.	1	12
Oats	Minn.	S.Dak.	Iowa	Wisc.	N.Dak.	Mich.	Pa.	Tex.	N.Y.	Ohio	5	9
Barley	N.Dak.	Idaho	Minn.	Mont.	Wash.	Calif.	S.Dak.	Colo.	Oreg.	Utah	1	22
Rye	S.Dak.	Minn.	Ga.	N.Dak.	Nebr.	S.C.	Okla.	Mich.	Tex.	Wisc.	4	14
Flaxseed	N.Dak.	S.Dak.	Minn.	--	--	--	--	--	--	--	1	55
Potatoes	Idaho	Wash.	Maine	Oreg.	Calif.	N.Dak.	Wisc.	Minn.	Colo.	N.Y.	6	6
Sugarbeets	Calif.	Minn.	Idaho	N.Dak.	Mich.	Nebr.	Colo.	Wyo.	Mont.	Tex.	4	10
Soybeans	Ill.	Iowa	Mo.	Ind.	Minn.	Ohio	Ark.	Nebr.	Miss.	La.	27	*
Pinto Beans	N.Dak.	Colo.	Idaho	Nebr.	Wyo.	Kans.	Minn.	Wash.	Mich.	Mont.	1	27
Dry Edible Beans, All	Mich.	N.Dak.	Idaho	Calif.	Nebr.	Colo.	Wash.	Minn.	Wyo.	Kans.	2	14
Sunflower, Oil	N.Dak.	Minn.	S.Dak.	Tex.	--	--	--	--	--	--	1	70
Sunflower, Non-oil	N.Dak.	Minn.	Tex.	S.Dak.	--	--	--	--	--	--	1	75
Sunflower, All	N.Dak.	Minn.	S.Dak.	Tex.	--	--	--	--	--	--	1	70
Alfalfa Hay & Mixtures	Wisc.	Iowa	Calif.	Minn.	Nebr.	Idaho	Kans.	S.Dak.	Mont.	Mich.	12	3
All Other Hay	Tex.	Mo.	N.Y.	Ky.	Kans.	S.Dak.	N.Dak.	Okla.	Pa.	Nebr.	7	4
All Hay	Wisc.	Iowa	Minn.	Calif.	Nebr.	Tex.	Mo.	Kans.	S.Dak.	N.Y.	12	3
Total Acreage of Principal Crops Harvested	Iowa	Tex.	Ill.	N.Dak.	Minn.	Kans.	Nebr.	S.Dak.	Mo.	Ind.	4	6
LIVESTOCK ON HAND - JAN. 1, 1982												
All Cattle & Calves	Tex.	Nebr.	Iowa	Kans.	Okla.	Mo.	Calif.	Wisc.	S.Dak.	Minn.	19	2
Cows That Have Calved												
Milk	Wisc.	Calif.	N.Y.	Minn.	Pa.	Mich.	Iowa	Ohio	Tex.	Mo.	30	1
Beef	Tex.	Okla.	Mo.	Nebr.	Kans.	Iowa	Mont.	S.Dak.	Fla.	Calif.	14	3
All Hogs - Dec. 1, 1981	Iowa	Ill.	Minn.	2/	2/	Mo.	Ohio	N.C.	Kans.	S.Dak.	24	1
Stock Sheep & Lambs	Tex.	Calif.	Wyo.	S.Dak.	Utah	Mont.	N.Mex.	Colo.	Idaho	Oreg.	15	2
Sheep & Lambs on Feed	Colo.	3/	3/	Wyo.	Oreg.	4/	4/	5/	5/	Ariz.	12	3
Cattle & Calves on Feed	Tex.	Nebr.	Iowa	Kans.	Colo.	Calif.	Ill.	Pa.	Ariz.	Okla.	22	*
All Chickens, Dec. 1981	Calif.	Ga.	Ark.	Ind.	Pa.	Ala.	N.C.	Tex.	Fla.	Ohio	44	*
LIVESTOCK PRODUCTION IN 1981												
Calf Crop	Tex.	Mo.	Okla.	Wisc.	Nebr.	Iowa	Kans.	S.Dak.	Calif.	Mont.	15	2
Lamb Crop	Tex.	Calif.	S.Dak.	Wyo.	Idaho	Utah	Colo.	Mont.	N.Mex.	Oreg.	15	2
Pig Crop	Iowa	Ill.	Minn.	Mo.	Ind.	Nebr.	N.C.	Kans.	Ohio	S.Dak.	26	1
Chickens Raised	Ga.	Calif.	Ark.	Pa.	Ind.	Ala.	N.C.	Tex.	Fla.	Ohio	35	1
Turkeys Raised	N.C.	Minn.	Calif.	Ark.	Mo.	Va.	Tex.	Iowa	Ind.	Wisc.	22	1
Egg Production	Calif.	Ga.	Pa.	Ark.	Ind.	Ala.	N.C.	Tex.	Fla.	Ohio	47	*
Wool Production	Tex.	Calif.	Wyo.	Colo.	S.Dak.	Utah	Mont.	N.Mex.	Idaho	Oreg.	15	2
Honey Production	Fla.	N.Dak.	Tex.	Mont.	S.Dak.	Calif.	Minn.	N.C.	Ga.	Tenn.	2	12
Milk Production	Wisc.	Calif.	N.Y.	Minn.	Pa.	Mich.	Ohio	Iowa	Tex.	Wash.	31	1
Creamery Butter	Wisc.	Calif.	Minn.	Pa.	N.Y.	Mich.	Wash.	Mo.	Ohio	Tenn.	18	*
American Cheese	Wisc.	Minn.	Iowa	Idaho	N.Y.	Calif.	Utah	S.Dak.	Mo.	Ind.	11	2
CASH RECEIPTS - 1981												
Crops	Calif.	Ill.	Iowa	Tex.	Minn.	Fla.	N.C.	Nebr.	Ind.	Kans.	12	3
Livestock	Iowa	Tex.	Calif.	Wisc.	Nebr.	Minn.	Kans.	Ill.	Mo.	Colo.	31	1
Total	Calif.	Iowa	Tex.	Ill.	Minn.	Nebr.	Kans.	Wisc.	Ind.	Mo.	22	2
Government Payments 1/	Tex.	N.Dak.	Kans.	Nebr.	Mo.	Minn.	S.Dak.	Mont.	Iowa	Ill.	2	9
Realized Income Per Farm												
Gross 1/	Ariz.	Calif.	Colo.	Hawaii	Fla.	Del.	Nebr.	N.Mex.	Iowa	Idaho	19	--
Net 1/	Ariz.	Calif.	Hawaii	Fla.	Wash.	Idaho	Colo.	Wisc.	Nev.	Del	40	--

* Less than one-half of one percent. 1/ 1980 Data. 2/ Ind. and Nebr. tied for fourth place. 3/ Tex. and Calif. tied for second place. 4/ Nebr. and Iowa tied for sixth place. 5/ Kans. and Minn. tied for eighth place.

RANK OF NORTH DAKOTA'S COUNTIES

County	All Wheat 1981	Spring Wheat 1981	Durum Wheat 1981	Sun-flower 1981	Barley 1981	Oats 1981	Corn Grain 1981	All Hay 1981	All Cattle Jan. 1 1982	Milk Cows Jan. 1 1982	All Hogs Dec. 1 1981	All Sheep Jan. 1 1982
Adams	48	41	42	41	51	49	-	34	27	44*	34*	8
Barnes	9	6	21	3	5	9	7	23	22	22*	5	14
Benson	13	45	4	6	17	32	18	16	28*	21	30	37*
Billings	53	52	53	51	53	53	-	44	28*	47*	53	53
Bottineau	10	32	3	7	9	30	35	14	38*	34	42*	28*
Bowman	49	48	37	45	48*	44	-	30	25*	47*	33	1
Burke	29	35	19	38	32*	40	-	45	43	38*	51	30*
Burleigh	32	17	43	32	39	19	25	4	6*	11*	12	19*
Cass	1	1	18	4	1	11	2	33	33*	28*	1	5
Cavalier	4	9	7	26	4	50	38	50	47*	47*	21	48*
Dickey	41	37	31	13	22	13	5	12	6*	14	3	6
Divide	21	46	9	34	37	42	-	47	45	51*	34*	40
Dunn	46	34	50	48	45	27	43	11	2	17*	28*	30*
Eddy	44	43	27	22	31	35	23	24	41*	38*	48*	12
Emmons	27	15	39	42	46	1	14	5	8	2	18	44*
Foster	28	22	23	8	30	31	15	39	37	42*	24*	16*
Golden Valley	50	49	33	52	48*	47	42	41	28*	38*	15	23*
Grand Forks	6	2	26	10	3	24	6	40	46	32	19	30*
Grant	42	31	46	35	44	18	22	10	9	7*	6*	7
Griggs	33	27	25	20	14	28	24	32	40	28*	27	37*
Hettinger	26	14	34	27	38	41	-	38	35	19	10	42*
Kidder	43	39	29	36	35	6	12	3	5	9	31	3
LaMoure	24	18	22	5	26	15	9	21	15*	7*	8	9
Logan	40	33	40	39	43	17	26	7	12	6	38	30*
McHenry	20	13	20	14	25	3	19	1	10	10	24*	22
McIntosh	36	28	44	33	41	8	30	9	13	3*	22	23*
McKenzie	34	29	24	49	32*	34	31	17	3	42*	45*	2
McLean	7	21	6	21	29	14	27	8	14	13	23	35
Mercer	45	38	47	47	50	20	33	18	15*	22*	40	42*
Morton	39	26	52	40	27	10	29	2	1	1	6*	10
Mountrail	18	47	8	37	36	29	39	15	20	25*	48*	19*
Nelson	15	20	11	15	11	37	21	42	44	28*	32	28*
Oliver	51	44	51	50	40	25	41	22	21	15	20	39
Pembina	11	3	41	29	8	51	8	51	47*	51*	14	41
Pierce	25	36	17	16	24	12	32	19	36	11*	50	44*
Ramsey	12	40	5	11	12	48	28	49	51*	44*	42*	46*
Ransom	37	23	48	18	19*	16	3	25	25*	27	9	11
Renville	22	24*	16	31	21	21	36*	53	47*	35*	52	48*
Richland	14	7	30	12	10	2	1	27	17	16	2	30*
Rolette	31	53	12	30	16	36	40	29	38*	35*	39	27
Sargent	35	24*	32	19	23	7	4	37	18*	25*	4	13
Sheridan	30	19	38	28	28	23	34	35	33*	20	45*	51*
Sioux	52	50	49	53	52	43	-	28	23*	33	41	51*
Slope	47	42	36	46	42	46	-	46	28*	35*	24*	25
Stark	38	30	45	44	47	22	-	20	11	3*	11	16*
Steele	23	11	35	17	6	45	13	52	51*	51*	42*	26
Stutsman	2	4	13	1	15	4	10	6	4	3*	16*	4
Towner	16	51	2	25	13	52	36*	43	51*	47*	34*	36
Traill	19	8	28	24	2	38	17	48	47*	44*	16*	46*
Walsh	5	5	15	23	7	39	11	36	41*	28*	13	48*
Ward	3	16	1	9	19*	5	20	13	18*	17*	28*	21
Wells	17	12	14	2	18	33	16	26	28*	22*	34*	15
Williams	8	10	10	43	34	26	-	31	23*	38*	47	18

*Tied with another county.

NORTH DAKOTA FARM INCOME

CASH RECEIPTS FOR 1981, PRELIMINARY

Cash receipts from farm marketings in North Dakota totaled $2,803 million in 1981, up 17 percent from the drought reduced 1980 figure according to the North Dakota Crop and Livestock Reporting Service. Farm production expenses are not yet available for 1981, but they are expected to be higher than in 1980. Consequently, cash receipts do not reflect the net income situation.

Cash receipts from crops totaled $2,209 million or 79 percent of total receipts, while cash receipts from livestock and products, at $594 million, made up the remaining 21 percent of the total. Cash receipts from crops rose 38 percent from the 1980 drought reduced total. However, livestock receipts dropped 24 percent from the previous year. Livestock receipts were unusually high in 1980 because of herd reductions due to the drought. Government payments added $131 million (up 12 percent from 1980, and almost 3 times the 1979 total) bringing total cash receipts from farming in North Dakota to $2,933 million in 1981.

Lower prices for most crops during 1981 were more than offset by increased production from the drought reduced levels of 1980 and account for the increase in cash receipts for 1981. A decline in marketings for both cattle and hogs coupled with lower prices for most livestock items, accounted for the sharply lower level of cash receipts for livestock in 1981.

CASH RECEIPTS FOR 1980

Cash receipts from farm marketings totaled $2,386 million in 1980, up 2 percent from 1979 marketings, and 28 percent above the 1978 total. Cash receipts from crops total $1,605 million, 67 percent of the total, while cash receipts from livestock and products, at $781 million, made up the remaining 33 percent. Cash receipts for crops dropped 2 percent from 1979, but receipts from livestock were up 13 percent from the 1979 totals. Government payments added $117 million (up from $47 million in 1979) bringing total cash receipts from agricultural production to $2,503 million in 1980.

Wheat continued to be the largest source of cash receipts for North Dakota farmers, bringing in $884 million in 1980, 37 percent of the total. Cattle and calves ranked second in total cash receipts with $603 million in 1980, or 25 percent of the total, and sunflower ranked third in 1980 with 14 percent of the total cash receipts from marketings.

INCOME PER FARM

Realized gross income per farm averaged a record high $68,770 in 1980, up 7 percent from 1979.

Realized net income, which excludes changes in inventory values, averaged $10,178 per farm, up 8 percent from 1979, and the highest figure since 1975. Realized net income is the primary measure of change in the farmer's income position.

Total net income fell to an average $2,215 per farm, down from $9,448 in 1979, and the lowest since 1977. Total net income figures includes changes in inventory value.

Cash Receipts from Farm Marketings and Government Payments, North Dakota, 1978-80 and 1981 Preliminary 1/

Item	1978 2/	1979 2/	1980	Percent Total 1980 3/	1981 Preliminary
	--- Thousand Dollars ---			-Pct.-	-000 $-
CROPS	1,343,147	1,646,031	1,604,961	64.1	2,208,798
Food Grains	747,254	899,754	883,935	35.3	1,224,403
Wheat	740,054	893,147	881,115	35.2	
Rye	7,200	6,607	2,820	.1	
Feed Crops	192,099	194,125	134,269	5.4	294,559
Barley	131,326	137,980	84,356	3.4	
Corn	26,729	24,043	26,389	1.1	
Hay	17,206	20,015	20,088	.8	
Oats	16,838	12,087	3,436	.1	
Oil Crops	232,983	373,924	385,995	15.4	350,403
Sunflower Seeds	190,370	314,534	330,514	13.2	
Soybeans	20,666	31,956	29,651	1.2	
Flaxseed	21,947	27,434	25,830	1.0	
Vegetables & Fruits	66,646	81,942	112,922	4.5	182,629
Dry Beans	16,044	27,773	56,749	2.3	
Potatoes	50,254	53,793	55,787	2.2	
Miscellaneous	348	376	386	-	
All Other Crops	104,165	96,286	87,840	3.5	156,804
Sugarbeets	69,937	78,566	68,780	2.7	
Other	34,228	17,720	19,060	.8	
LIVESTOCK PRODUCTS	526,862	694,104	781,422	31.2	594,031
Meat Animals	420,392	571,267	647,215	25.9	441,765
Cattle & Calves	372,843	526,129	602,644	24.1	
Hogs	40,023	39,801	37,990	1.5	
Sheep & Lambs	7,526	5,337	6,581	.3	
Dairy Products	81,600	92,698	103,940	4.2	118,481
Milk, Wholesale	80,220	91,300	102,542	4.1	
Milk, Retail	856	967	967	-	
Milkfat	524	431	431	-	
Poultry & Eggs	9,124	9,586	10,493	.4	9,908
Turkeys	6,669	7,018	8,079	.3	
Eggs	2,409	2,501	2,280	.1	
Chickens, Farm	46	67	134	-	
Micellaneous Livestock	15,746	20,553	19,774	.8	23,877
Honey & Beeswax	9,782	12,261	8,525	.3	
Wool	1,236	1,397	1,664	.1	
Other Livestock	4,728	6,895	9,585	.4	
TOTAL CROPS & LIVESTOCK	1,870,009	2,340,135	2,386,383	95.3	2,802,829
Government Payments	278,179	46,519	116,634	4.7	130,659
GRAND TOTAL	2,148,188	2,386,654	2,503,017	100.0	2,933,488

1/ Source: Economic Indicators of the Farm Sector, Income & Balance Sheet Bulletin #678 and Supplement. 2/ Revised. 3/ Items may not add due to rounding.

Cash Receipts from Marketings, by Months and Percent Distribution, North Dakota, 1981 1/

Month	Livestock		Crops		Total	
	(000 $)	(Pct.)	(000 $)	(Pct.)	(000 $)	(Pct.)
January	62,397	10.5	117,075	5.3	179,472	6.4
February	53,407	9.0	112,790	5.1	166,197	5.9
March	48,297	8.2	119,873	5.4	168,170	6.0
April	64,220	10.8	111,631	5.1	175,851	6.3
May	37,445	6.3	100,672	4.6	138,117	4.9
June	44,235	7.5	121,499	5.5	165,734	5.9
July	41,063	6.9	164,218	7.4	205,281	7.3
August	38,725	6.5	210,341	9.5	249,066	8.9
September	53,649	9.0	296,757	13.5	350,406	12.5
October	47,035	7.9	294,213	13.3	341,248	12.2
November	54,244	9.1	324,950	14.7	379,194	13.5
December	49,314	8.3	234,779	10.6	284,093	10 2
Year	594,031	100.0	2,208,798	100.0	2,802,829	100.0

1/ Preliminary. Source: Economic Indicators #674.

FARM INCOME CONT.

Cash Receipts from Government Payments
North Dakota, 1978-1981

Item	1978	1979	1980	1981
	--- Thousand Dollars ---			
Conservation 1/ Sugar Act	5,373	3,326	4,312	4,501
Feed Grain Program	75,827	7,729	19,200	14,539
Wheat Program	161,885	8,227	74,582	67,796
Drought & Flood Conservation Program	876	0	0	0
Miscellaneous 3/	34,218	27,237	18,540	43,823
TOTAL	278,179	46,519	116,634	130,659

1/ Includes Great Plains and other conservation programs not listed separately. 2/ Included in miscellaneous. 3/ Includes Sugar Act, Wool, Milk Indemnity Program, Bee Keepers Indemnity Program, Emergency Food Program & other miscellaneous programs.

Value of Home Consumption
North Dakota, 1978-80

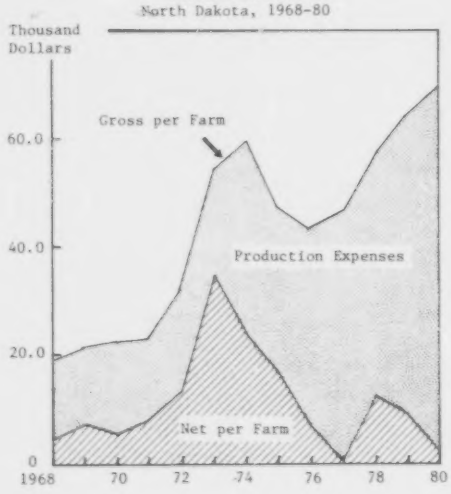
Item	1978	1979	1980
	--- Thousand Dollars ---		
Cattle & Calves	6,181	8,407	7,702
Hogs	3,502	3,913	2,665
Sheep & Lambs	77	94	78
Dairy	1,421	1,548	1,416
Poultry	47	53	97
Eggs	283	317	1,802
ALL LIVESTOCK & PRODUCTS	11,511	14,332	13,760
Vegetables	2,338	2,232	2,205
Fruit & Berries	37	37	36
Other Products	72	122	123
ALL CROPS	2,447	2,391	2,364
TOTAL ABOVE	13,958	16,723	16,124

Income per Farm, North Dakota, 1968-1980

Year	Realized Gross Income per Farm 1/	Realized Net Income per Farm 1/	Total Net Income per Farm 2/
	--- D o l l a r s ---		
1968	19,034	4,387	4,412
1969	21,217	5,805	6,935
1970	22,174	6,705	5,380
1971	23,272	6,027	8,014
1972	32,136	13,503	13,626
1973	54,188	28,008	34,461
1974	59,594	29,207	23,973
1975	46,545	11,203	16,966
1976	43,793	6,518	7,637
1977	46,326	6,779	760
1978	56,785	9,922	12,102
1979	64,208	9,458	9,448
1980 3/	68,770	10,178	2,215

1/ Excludes changes in inventories. 2/ Includes changes in inventories. 3/ Preliminary. Source: Economic Indicator #674.

INCOME PER FARM
North Dakota, 1968-80



Farm Production Expenses
North Dakota, 1978-1980

Item	1978	1979	1980
	--- Million Dollars ---		
Feed	52.8	73.2	75.9
Livestock	24.6	32.0	24.7
Seed	69.2	79.4	91.4
Fertilizer & Lime	148.9	176.2	232.2
Repair & Operation of Capital Items	357.0	436.9	522.7
Miscellaneous	333.9	428.2	389.2
Hired Labor	81.5	89.2	100.1
Total Current Farm Operating Expenses	1067.9	1315.0	1436.2
Depreciation & Other Consumption of Farm Capital	467.7	520.4	518.7
Taxes on Farm Property	71.8	74.4	79.7
Interest on Farm Mortgage Debt	81.8	103.4	139.7
Net Rent to Non-Farm Landlords	232.2	204.2	169.4
Total Production Expenses	1921.4	2217.4	2343.7

Total Cash Receipts and Total Income
North Dakota, 1978-80

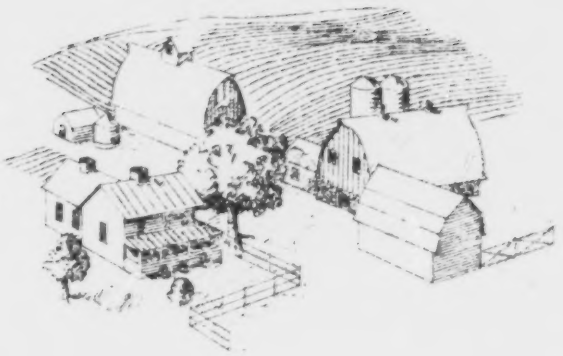
Item	1978	1979	1980
	--- Million Dollars ---		
Cash Receipts from Farm Marketings	1,870.0	2,340.1	2,386.4
Government Payments	278.2	46.5	116.6
Non-Money Income	149.5	175.7	208.2
Other Farm Income	30.5	38.0	39.6
Total Realized Gross Farm Income	2,328.2	2,600.4	2,750.8
Farm Production Expense	1,921.4	2,217.4	2,343.7
Realized Net Farm Income	406.8	383.0	407.1
Net Change in Farm Inventories	89.4	- .4	-318.5
Total Net Farm Income	496.2	382.7	88.6

FARM REAL ESTATE

NUMBER OF FARMS, AVERAGE SIZE, AND ALL LAND IN FARMS, North Dakota, 1967-82

Year	Number of Farms	Average Size of Farms	All Land in Farms
	(Number)	(Acres)	(000 Acres)
1967	48,000	873	41,900
1968	47,000	891	41,900
1969	46,000	911	41,900
1970	45,500	921	41,900
1971	45,000	929	41,800
1972	44,000	950	41,800
1973	43,500	961	41,800
1974	43,000	970	41,700
1975	42,000	1,007	42,300
1976	41,500	1,012	42,000
1977	41,000	1,020	41,800
1978	41,000	1,017	41,700
1979	40,500	1,030	41,700
1980	40,000	1,043	41,700
1981	39,000	1,069	41,700
1982 1/	38,000	1,097	41,700

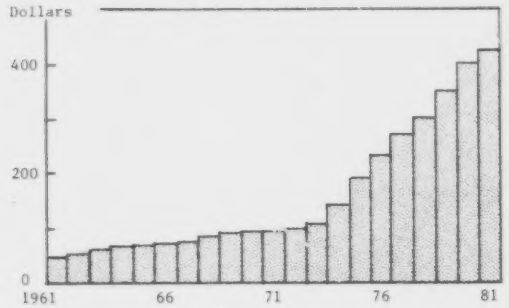
1/ Preliminary



FARM REAL ESTATE VALUE
North Dakota, 1975-82

Year	Total Value	Value per Acre	
		Dollars	Index
	(Mil. Dols.)	(Dollars)	(1977=100)
1975	8,249	195	76
1976	9,912	236	89
1977	11,495	275	100
1978	12,552	301	106
1979	14,512	348	118
1980	16,638	399	136
1981	17,639	423	145
1982	18,181	436	149

FARM REAL ESTATE - VALUE PER ACRE
North Dakota, 1961-81



GROSS RENTS PER ACRE AND RATIO TO VALUE
North Dakota, 1975-82

Year	Farms		Cropland		Pastures	
	Gross Rent Per Acre	Ratio Gross Rent to Value	Gross Rent Per Acre	Ratio Gross Rent to Value	Rent Per Acre	Ratio Rent to Value
	($)	(%)	($)	(%)	($)	(%)
1975	15.10	7.5	20.30	8.1	7.10	5.7
1976	19.90	7.3	25.00	7.7	7.20	5.5
1977	20.10	6.7	25.20	7.0	7.60	5.0
1978	19.70	6.5	24.70	6.6	7.40	4.8
1979	22.40	6.2	27.80	6.4	7.80	4.4
1980	24.10	6.0	30.40	6.4	8.70	4.6
1981	25.50	5.9	31.60	6.1	9.10	4.3
1982	27.30	5.8	32.90	6.1	9.20	4.4

Source: Farm Real Estate Market Developments, ERS

RENT PER ACRE BY DISTRICT,
North Dakota, 1981-82

District	Rented for Cash					
	Farms		Cropland		Pasture	
	1981	1982	1981	1982	1981	1982
	- - - D o l l a r s - - -					
Northwest	20.00	21.50	24.50	24.00	8.00	8.00
North Central	25.50	23.50	30.50	30.50	10.00	10.00
Northeast	38.00	38.50	41.00	41.00	9.50	11.00
West Central	17.50	19.00	22.50	23.00	8.00	8.00
Central	25.50	27.50	31.00	33.00	10.00	10.50
East Central	43.50	48.00	47.50	51.50	14.50	11.50
Southwest	16.00	18.00	20.00	22.00	8.00	7.50
South Central	14.50	17.00	20.50	21.00	9.00	9.50
Southeast	32.50	37.50	37.00	42.50	13.00	13.50
STATE	25.50	27.30	31.60	32.90	9.10	9.20

FARM REAL ESTATE DEBT: Total of Outstanding Loans and Amounts Held by Principal Lending Groups, North Dakota, January 1, 1975-81

Year	Federal Land Bank	Farmers' Home Admin.	Life Insurance Companies	Banks	Individual & Others	Total
			- - - - Thousand Dollars - - - -			
1975	247,316	169,325	20,700	59,785	252,880	750,006
1976	295,751	175,166	21,300	64,717	251,710	808,644
1977	381,916	179,896	23,700	71,589	261,753	918,854
1978	493,671	185,574	40,144	67,730	266,401	1,053,520
1979	574,823	182,480	60,100	89,951	273,553	1,180,907
1980	716,781	248,537	67,300	93,151	304,616	1,430,385
1981	924,061	263,479	68,400	222,310	329,498	1,807,748

Source: Agricultural Finance Statistics, ERS.

FARM TITLE TRANSFERS
Estimated Number per 1,000 Farms by Method of Transfer, North Dakota, Years Ending February 1, 1977-81

Method	1977	1978	1979	1980	1981
			--- Number per Thousand ---		
Voluntary Sales and Trades	15.1	13.1	17.2	19.2	10.4
Estate Settlements	6.6	5.4	3.9	5.0	5.5
Forced Sales Foreclosures	1.4	1.8	1.2	1.2	1.7
All Other Sales	8.2	6.8	5.2	4.1	5.4
TOTAL, ALL CLASSES	31.3	27.0	27.5	29.5	22.9

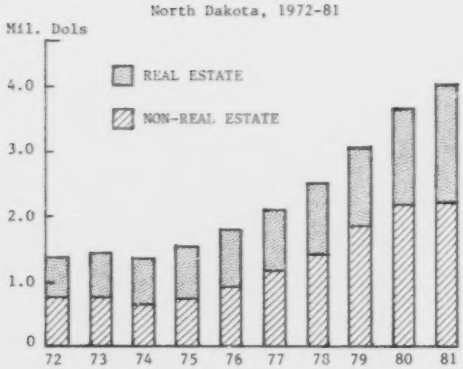
Source: Farm Real Estate Market Developments, August, 1981.

TAXES LEVIED ON FARM REAL ESTATE
North Dakota, 1974-80

Year	Total	Per Acre	Per 100 Dols. Full Value	% of Farm Income	
				Net	Gross
	(Mil.Dols)	(Dols.)	(Dols.)	(%)	(%)
1974	53.1	1.32	.87	3.6	2.1
1975	60.3	1.50	.74	5.8	3.1
1976	63.5	1.58	.65	11.3	3.5
1977	70.1	1.74	.62	19.5	3.7
1978	71.7	1.78	.58	7.5	3.1
1979	74.3	1.85	.51	9.6	2.9
1980	80.4	2.00	.48	23.8	2.9

Source: Farm Real Estate Taxes, ERS.

FARM DEBT
North Dakota, 1972-81



NON-REAL ESTATE LOANS TO FARMERS
Amount Outstanding January 1, by Selected Lending Agencies, North Dakota, 1975-81

Year	All Operating Banks	Farmers' Home Admin.	Prod. Credit Assn.	Federal Intermediate Credit Banks	Total
			- - - - - - - Thousand Dollars - - - - - - -		
1975	411,514	37,476	195,100	10,356	654,446
1976	523,386	55,604	245,300	12,182	836,472
1977	586,652	66,032	294,268	11,215	958,167
1978	576,374	150,413	304,584	10,236	1,041,607
1979	647,346	290,350	347,576	12,635	1,297,907
1980	790,060	343,120	530,779	18,370	1,682,329
1981	767,665	420,190	555,584	21,178	1,764,617

Source: Agricultural Finance Statistics, ERS.

NORTH DAKOTA WEATHER DATA

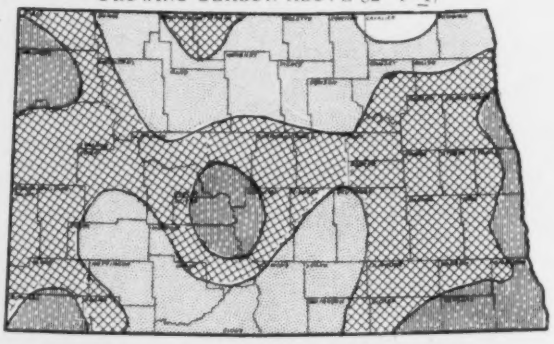
PRECIPITATION, MEAN TEMPERATURE AND DEPARTURES,
North Dakota, April-September 1981

Month	Precipitation	Departure	Mean Temperature	Departure
	(Inches)	(Inches)	(Degrees F)	(Degrees F)
April	.83	- .64	46.4	+ 5.0
May	1.51	- .84	54.1	+ 0.7
June	3.90	+ .18	61.0	- 1.7
July	2.81	+ .23	70.3	+ 1.0
August	2.44	- .14	69.6	+ 1.6
September	2.01	+ .31	57.9	+ 1.3

DAYS MAXIMUM TEMPERATURES REACHED 90° OR MORE
AT MAIN NORTH DAKOTA WEATHER STATIONS
JUNE 1 THROUGH AUGUST 31

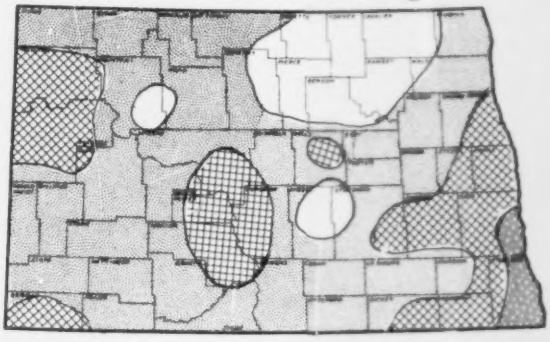
Station	1978	1979	1980	1981
	- - - Number of Days - - -			
Fargo	8	8	10	8
Bismarck	12	14	16	14
Williston	12	12	26	35
Dickinson	9	10	19	19

LONG-TERM AVERAGE NUMBER OF DAYS IN
GROWING SEASON ABOVE 32° F 1/



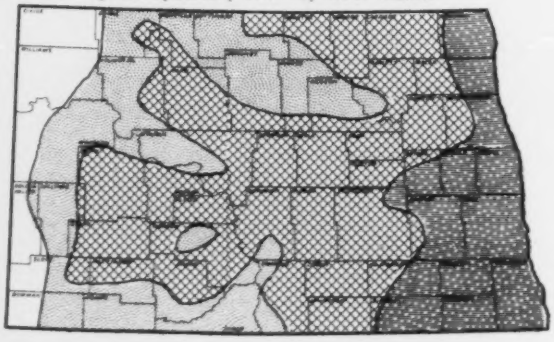
Under 110 days
110 - 119 days
120 - 129 days
130 days & over

LONG TERM AVERAGE NUMBER OF DAYS IN
GROWING SEASON ABOVE 28° F 1/



Under 130 days
130 - 139 days
140 - 149 days
150 days & over

AVERAGE GROWING SEASON PRECIPITATION (Inches),
April-September, 1941-70, North Dakota



Less than 12.00 inches
12.00 - 13.49 inches
13.50 - 14.99 inches
15.00 inches & over

ANNUAL GROWING SEASON PRECIPITATION (Inches),
April-September, 1981, North Dakota

Less than 12.00 inches
12.00 - 13.49 inches
13.50 - 14.99 inches
15.00 inches & over

Source: Environmental Data and Information Service.
1/ Based on data for selected stations. Number of years used in average ranges by station from 26-78 years.

AVERAGE TEMPERATURE BY MONTHS, BY STATIONS AND CROP REPORTING DISTRICTS, NORTH DAKOTA, 1981 1/
(Degrees F)

District and Station	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
Crosby	16.7	20.0	36.5	47.9	56.6	62.0	72.1	71.2	59.7	43.0	34.2	12.0	44.3
Fortuna	16.3	17.9	34.4	44.5	53.1	58.2	68.7	68.6	55.5	40.1	32.5	13.2	41.9
Foxholm	13.5	18.5	33.3	44.6	54.9	62.1	70.5	70.2	58.2	44.1	35.5	12.6	43.1
Kenmare	14.9	17.8	30.0	43.6	52.6	59.4	68.5	67.4	55.3	41.2	35.1	12.5	41.8
Minot (Exp. Station)	16.5	19.6	34.5	45.1	53.4	61.0	69.5	69.8	57.5	42.1	34.6	12.5	43.0
Mohall	12.6	16.9	32.0	41.9	52.1	59.6	68.4	67.7	55.9	40.3	33.9	8.9	40.9
Powers Lake	16.0	18.7	33.5	45.0	53.3	58.4	69.1	67.4	57.4	M	34.1	11.2	42.1
Tioga	16.4	17.6	33.3	45.2	53.2	58.2	70.5	69.1	55.2	40.6	33.8	12.0	42.1
Wildrose	17.3	18.1	34.6	45.3	53.5	58.9	69.9	69.7	57.1	41.2	34.4	12.6	42.7
Williston (WSO AP)	21.8	23.3	38.1	49.1	59.2	63.8	73.8	74.3	61.8	45.4	34.6	16.1	46.8
NORTHWEST DISTRICT (1)	16.8	19.2	34.5	45.2	53.9	59.9	70.1	69.6	57.8	42.1	34.3	12.4	43.0
Bottineau	11.9	15.3	32.5	43.0	53.1	59.6	69.3	69.5	56.2	40.2	33.1	9.2	41.1
Drake	13.9	16.5	33.2	45.5	53.9	60.8	71.1	70.0	57.3	43.4	35.7	M	42.6
Granville	14.4	21.3	35.0	46.6	55.0	61.7	70.5	69.5	57.5	43.9	34.9	13.0	43.6
Leeds	11.2	16.8	30.8	43.1	51.9	60.5	68.0	68.6	55.1	41.7	34.3	8.8	40.9
Rolla	11.7	15.3	29.9	40.9	49.6	58.4	66.5	65.9	53.9	38.4	32.8	10.3	39.5
Rugby	13.1	19.9	35.0	46.5	53.1	59.5	68.6	69.6	56.8	42.0	33.3	8.6	42.2
Upham	7.5	15.3	32.5	44.9	53.2	59.8	68.8	68.2	54.3	41.2	34.9	9.3	40.8
Westhope	12.3	17.8	35.4	46.4	54.7	61.2	69.3	69.3	57.3	44.0	34.3	9.0	44.6
Willow City	9.3	15.0	33.0	43.8	53.1	59.9	M	69.4	55.8	41.7	33.8	7.6	40.3
NORTH CENTRAL DISTRICT (2)	12.1	17.2	33.2	44.6	52.9	60.1	68.9	69.1	56.1	42.1	34.1	9.8	41.7
Cavalier	11.1	16.4	31.0	42.4	52.4	61.2	67.7	67.9	55.1	42.1	35.7	10.2	41.1
Devils Lake	12.0	18.4	31.9	43.9	53.2	60.8	68.4	68.9	56.6	43.2	35.6	10.4	41.9
Edmore	10.4	16.6	31.5	43.9	52.8	59.7	67.7	67.7	54.8	42.0	33.4	9.6	40.6
Grafton	14.4	20.8	34.4	46.4	56.4	63.0	70.6	70.3	58.2	44.8	37.0	M	43.8
Grand Forks (FAA AP)	13.9	20.4	33.3	44.5	55.3	62.2	68.6	69.7	55.9	44.2	36.0	10.6	42.9
Hansboro	12.4	15.4	33.4	44.3	52.7	60.9	68.2	68.3	55.8	42.9	34.1	4.8	41.1
Langdon (Exp. Farm)	11.0	16.2	30.4	44.2	52.2	59.2	67.3	66.5	53.9	39.8	33.1	7.0	40.1
Larimore	14.4	19.8	32.7	43.5	54.9	63.7	69.2	70.3	M	45.9	38.6	13.9	43.6
Park River	15.4	20.5	34.7	46.8	56.0	63.7	70.4	70.6	59.0	45.4	36.9	12.6	44.3
Petersburg	8.7	14.6	30.2	41.0	50.9	58.9	65.7	66.6	53.0	39.8	33.2	7.1	39.4
NORTHEAST DISTRICT (3)	11.9	17.3	32.1	44.1	53.6	61.0	68.1	68.5	56.0	43.1	35.5	9.3	41.7
Beulah	19.4	20.0	33.7	46.7	53.6	59.6	69.5	67.6	55.8	41.3	32.2	12.8	42.7
Butte	16.2	M	34.6	48.2	56.2	63.1	71.0	71.0	58.9	45.2	36.4	14.3	44.6
Center	20.9	22.6	35.4	48.1	54.8	61.6	71.7	70.0	59.1	45.8	35.7	14.7	45.0
Dunn Center	22.6	21.3	35.0	46.9	53.5	59.5	70.2	69.5	58.6	44.3	36.6	16.2	44.2
Garrison	14.7	17.4	33.5	45.9	52.9	60.3	69.1	68.5	57.8	40.4	M	M	42.6
Max	15.4	16.1	33.1	44.7	52.9	59.6	M	70.3	57.0	41.9	34.6	11.7	42.7
Underwood	17.3	20.9	33.9	47.2	54.0	61.8	71.2	70.2	59.3	M	M	M	44.2
Watford City	25.8	25.4	38.5	50.2	57.7	62.5	74.1	72.7	61.8	47.5	37.7	18.5	47.8
WEST CENTRAL DISTRICT (4)	19.6	20.7	34.9	47.6	54.4	61.2	71.0	70.2	58.9	43.9	36.0	15.2	44.9
Carrington	13.7	18.5	32.6	44.1	53.0	60.9	68.9	68.8	56.5	43.3	35.6	11.2	42.3
Harvey	13.2	19.7	33.4	45.4	M	61.5	69.1	70.6	57.7	43.5	35.5	11.7	42.9
Jamestown (FFA AP)	14.2	21.6	34.2	46.3	54.9	62.6	71.1	70.1	58.0	44.9	35.4	10.5	43.7
McClusky	16.4	21.2	35.5	47.8	55.3	61.9	71.8	71.2	59.5	45.2	35.9	13.3	44.6
Pettibone	14.0	20.5	35.1	47.6	54.9	61.2	70.8	69.5	57.2	44.5	34.5	11.3	43.2
Sheyenne	13.6	20.7	35.0	47.3	54.4	61.2	69.6	70.1	57.6	44.0	37.5	14.2	44.1
Tuttle	15.4	18.8	33.4	44.6	51.6	60.5	69.7	69.3	57.5	43.0	32.8	11.9	42.5
CENTRAL DISTRICT (5)	14.0	19.9	34.0	45.8	53.8	61.4	69.9	69.4	57.3	44.4	35.3	11.5	43.1
Colgate	13.4	21.5	34.7	47.6	56.0	62.0	70.7	69.8	57.8	44.2	36.0	M	43.5
Cooperstown	12.6	20.3	34.0	46.2	54.5	61.5	69.9	69.4	57.1	44.3	36.1	9.9	43.0
Fargo	11.8	19.6	33.5	45.6	55.5	62.8	71.1	69.6	57.4	44.5	35.4	8.7	43.0
Hillsboro	12.5	19.1	32.6	43.4	55.2	61.4	69.3	M	54.2	40.1	32.9	7.8	41.5
Mayville	13.9	20.5	34.5	47.0	56.5	63.0	70.4	70.2	57.4	44.2	36.3	9.5	43.6
Sharon	12.6	19.2	33.3	45.5	54.2	60.0	67.6	68.5	57.2	43.5	35.4	8.7	42.1
Valley City	11.4	19.3	32.8	44.3	52.4	60.4	68.3	67.8	55.6	43.6	34.5	7.7	41.5
EAST CENTRAL DISTRICT (6)	12.6	19.9	33.6	45.7	54.9	61.6	69.6	69.2	56.7	43.9	35.2	8.7	42.6
Amidon	27.2	22.7	35.9	47.9	52.7	59.8	70.8	70.1	60.6	43.3	37.5	M	45.5
Bowman (Courthouse)	27.5	23.0	36.0	48.0	52.5	60.1	71.2	70.1	59.6	42.7	35.8	18.9	45.2
Dickinson (Exp. Station)	24.3	21.8	33.9	46.3	53.2	59.8	71.1	69.5	56.9	40.6	34.8	17.1	44.1
Fairfield	24.5	23.1	34.4	48.5	52.9	60.0	71.5	69.8	59.4	43.4	36.5	16.1	45.0
Hettinger	26.8	22.4	35.3	48.7	52.9	61.3	71.7	68.9	59.3	43.0	35.8	M	45.3
Mott	25.4	23.8	35.5	48.3	53.8	60.9	72.0	70.2	59.2	43.5	35.7	17.2	45.2
Richardton	24.5	23.7	36.9	49.6	54.7	61.4	72.1	69.7	59.9	45.2	36.5	17.0	45.9
Trotters	25.7	23.9	36.8	48.3	54.6	60.9	72.6	71.0	60.7	44.2	36.5	18.3	46.1
SOUTHWEST DISTRICT (7)	26.0	23.7	35.9	48.5	54.1	60.9	72.0	70.2	59.7	43.9	36.3	17.8	45.8
Almont	22.3	23.5	36.0	48.6	55.1	61.5	72.6	70.5	59.7	46.1	35.8	16.5	45.7
Bismarck (WSFO AP)	19.5	23.1	34.9	46.5	54.1	60.7	71.2	70.1	59.3	46.9	36.9	14.7	44.8
Carson	22.3	20.8	35.1	47.4	52.6	60.5	70.3	68.8	57.7	43.3	35.6	15.6	44.2
Fort Yates	24.3	25.9	37.6	51.3	55.7	64.1	73.3	72.1	61.2	48.1	38.1	19.2	47.6
New Salem	21.5	22.3	34.8	48.1	54.4	61.2	71.0	69.0	58.9	44.1	35.1	14.2	44.6
SOUTH CENTRAL DISTRICT (8)	21.6	22.5	35.4	48.2	54.2	61.8	71.6	69.9	59.0	45.1	35.9	15.6	45.1
Ashley	19.6	22.8	35.0	49.3	55.2	63.2	71.5	70.2	59.8	46.5	36.4	14.7	45.4
Ellendale	18.7	22.8	35.1	49.1	54.5	63.5	71.6	70.3	61.0	46.4	36.6	12.3	45.2
Forman	12.9	20.2	34.1	47.0	54.1	63.4	71.7	70.3	59.6	44.8	35.9	10.6	43.7
Fullerton	16.9	22.2	35.8	49.4	55.6	63.7	71.1	69.5	60.0	44.6	35.4	9.3	44.5
Hankinson	13.1	21.2	34.8	46.9	56.3	64.3	71.9	70.4	59.8	44.6	36.2	11.5	44.3
Lisbon	12.5	22.1	36.1	49.6	57.2	64.4	72.0	70.9	59.8	46.7	38.3	12.0	45.1
McLeod	16.5	22.5	36.0	48.8	58.1	64.4	71.8	70.1	59.8	45.8	36.3	10.6	45.1
Napoleon	16.2	19.9	34.2	46.5	53.0	61.0	70.2	69.5	57.5	43.6	35.9	12.9	43.4
Oakes	16.1	21.0	34.9	48.5	56.0	64.4	72.9	70.9	60.0	45.1	36.3	11.6	44.8
Wahpeton	15.2	21.8	36.1	48.9	57.8	64.5	71.4	69.9	59.4	45.7	36.3	11.9	44.9
Wishek	16.5	18.3	32.5	46.2	52.9	60.0	69.5	67.3	56.8	42.2	34.8	10.8	42.3
SOUTHEAST DISTRICT (9)	15.6	21.2	34.9	48.0	55.4	63.0	71.5	69.9	59.2	44.9	36.1	11.5	44.3
STATE	16.7	20.2	34.3	46.4	54.1	61.0	70.3	69.6	57.9	43.7	35.4	12.4	43.5

Underlined figures are less than 30-day average. M - Missing. 1/ Preliminary Data. Source: Environmental Data Service.

MONTHLY PRECIPITATION BY STATIONS AND DISTRICTS, NORTH DAKOTA 1981 1/
(Inches)

District and Station	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
Crosby	.85	.40	.25	.49	1.22	2.95	3.78	.90	1.36	1.14	.60	.47	14.41
Fortuna	.10	.67	.37	.62	1.28	3.40	.46	1.04	.72	.89	.91	.46	10.92
Foxholm	.56	.25	.17	.55	1.12	4.58	2.28	1.52	.86	.72	.85	.20	13.68
Kenmare	.91	.24	.11	.71	.60	4.86	1.92	2.11	1.36	.88	1.17	.51	15.38
Minot (Exp. Station)	.94	.31	.15	.83	.79	3.84	1.68	1.51	1.42	.72	.97	.43	13.59
Mohall	.77	.02	.16	.72	.87	3.36	3.52	1.74	.97	1.06	.54	.47	14.20
Powers Lake	.55	.27	.17	.43	.62	4.91	3.32	1.55	.90	M	1.13	.40	15.09
Williston (WSO AP)	.08	.21	.18	.39	1.18	3.58	2.47	.87	.57	.51	.51	.36	10.91
NORTHWEST DISTRICT (1)	.56	.33	.20	.59	.96	4.52	2.38	1.57	1.06	.84	.78	.42	14.21
Bottineau	.25	.11	.12	.88	1.34	2.42	.73	2.72	2.28	1.56	.43	.22	13.06
Drake	.67	.75	.14	.98	1.65	3.02	1.44	1.98	2.68	.68	.56	M	14.85
Granville	M	.20	.18	1.30	.94	4.92	3.49	1.52	2.72	.55	M	M	17.20
Leeds	1.23	.90	.33	1.44	1.89	3.72	1.10	1.43	2.25	2.20	.71	.28	17.28
Rolla	.68	.18	.35	.85	3.23	4.61	.95	2.81	2.85	1.69	.51	.22	18.93
Rugby	.20	.66	.14	.92	2.45	4.69	.62	3.62	3.52	1.08	M	.51	18.94
Upham	.70	.24	.14	.60	1.57	3.65	1.54	1.65	2.05	1.25	M	.42	14.32
Westhope	.37	.10	.18	.39	.99	2.27	1.91	1.49	1.01	1.12	.67	.27	10.77
Willow City	.43	T	.14	.92	1.86	2.97	M	1.31	2.08	1.69	.60	.04	13.41
NORTH CENTRAL DISTRICT (2)	.55	.33	.17	.90	1.66	3.83	1.37	2.03	2.35	1.27	.53	.30	15.29
Devils Lake	.46	1.19	.38	1.53	1.26	6.63	2.34	3.11	2.70	1.89	.90	.51	22.90
Edmore	.36	.56	.74	1.18	1.78	4.46	1.58	2.87	2.58	1.20	.53	.15	17.99
Grafton	.50	1.48	.74	.92	2.21	5.61	.60	3.05	2.62	1.99	.55	M	20.49
Grand Forks (FAA AP)	.17	.61	.74	.78	1.25	4.52	1.31	2.26	5.02	2.46	.59	.25	19.96
Hannah	.80	.10	.20	1.25	1.66	3.05	2.13	5.54	M	1.56	M	M	19.90
Langdon (Exp. Farm)	.38	.37	.55	.75	1.85	3.38	1.13	3.92	1.58	1.83	.48	.23	16.45
Park River	.65	.74	1.27	1.14	1.95	6.29	1.45	3.03	2.72	2.90	.58	.16	22.88
Pembina	.16	.59	.60	.48	2.42	3.53	1.01	3.02	2.51	3.11	.22	.05	17.70
Petersburg	.34	.58	.62	2.04	1.93	6.91	1.66	2.64	3.21	2.80	.55	.43	23.71
NORTHEAST DISTRICT (3)	.53	.64	.64	.98	1.78	4.85	1.47	3.18	2.89	2.12	.52	.22	19.82
Beulah	T	.44	.01	.39	1.17	4.44	2.18	3.19	2.06	.23	.78	.55	15.44
Center	.18	1.04	.05	.47	1.37	3.16	3.80	2.88	2.32	1.09	1.06	.63	18.05
Dunn Center	.11	.17	T	1.15	.49	4.08	2.58	2.93	.76	.71	.54	.46	13.98
Garrison	.48	.45	.01	.90	1.54	2.60	3.26	3.01	2.59	.29	M	M	16.21
Turtle Lake	.13	.80	.02	.51	1.18	4.22	2.85	3.20	2.38	.52	1.01	.28	17.10
Watford City	.10	.08	T	1.20	.57	3.27	2.22	2.17	.42	.56	.40	.33	11.32
WEST CENTRAL DISTRICT (4)	.24	.57	.07	.82	1.18	3.45	2.96	2.50	1.68	.60	.65	.43	15.15
Carrington	.35	.59	.28	2.03	1.03	4.34	5.99	.88	3.20	1.20	.66	.33	20.88
Hurdsfield	1.09	.64	.10	.81	1.18	5.50	2.77	3.18	M	.71	.46	.30	19.66
Jamestown (FFA AP)	.18	.40	.94	.27	1.97	2.30	3.64	1.19	2.40	.69	1.13	.67	15.78
McClusky	.49	.97	T	.51	1.49	2.96	2.35	3.34	2.64	.40	.66	.43	16.24
Pettibone	.43	.33	.47	.59	1.08	3.48	4.17	.89	2.88	.49	.54	.39	15.74
Sheyenne	.30	.43	.61	.90	.96	5.81	2.71	2.92	3.38	M	.43	.25	19.51
Tuttle	.24	.36	.19	.65	1.47	3.62	2.52	2.76	2.52	.86	.77	.15	16.11
CENTRAL DISTRICT (5)	.37	.54	.59	.89	1.44	4.01	3.47	2.14	2.92	.81	.66	.39	18.23
Colgate	.11	.27	.66	.73	1.69	3.81	3.79	1.17	2.65	2.94	.47	.54	18.83
Cooperstown	.27	.66	1.04	1.08	1.14	5.20	3.15	1.42	3.35	1.81	.43	.52	20.07
Fargo (WSO AP)	.11	.49	.67	.61	3.46	2.56	3.21	1.76	1.11	2.36	.40	.85	17.59
Hillsboro	.15	.17	.18	1.06	1.13	3.87	4.24	M	2.49	3.45	.28	.56	19.28
Mayville	.16	.48	.39	1.05	2.08	4.53	4.19	1.50	3.04	3.35	.24	.53	21.54
Sharon	.20	.58	1.23	1.22	1.74	4.12	5.97	2.26	4.05	2.47	.50	.36	24.70
Valley City	.13	.23	.11	.61	1.58	3.64	2.94	2.09	2.60	2.44	.55	.79	17.71
EAST CENTRAL DISTRICT (6)	.16	.41	.61	.91	1.83	3.96	3.93	1.70	2.76	2.69	.41	.59	19.96
Amidon	.09	.12	.01	.66	1.41	3.74	3.18	2.52	.70	.11	.66	.49	13.69
Bowman (Courthouse)	.24	.16	.05	.91	2.22	3.90	4.00	2.15	1.29	.17	.50	.67	16.26
Dickinson (Exp. Station)	.10	.03	T	.66	1.30	3.71	1.57	4.05	2.75	.23	.93	.51	15.84
Fairfield	.07	.01	.02	1.19	.68	2.42	2.05	3.70	.45	.30	.27	.41	11.57
Hettinger	.13	.14	.13	1.36	1.59	2.71	3.51	3.36	1.95	.56	.45	M	16.41
Medora	.08	.01	.03	1.20	1.79	3.81	1.25	2.55	.48	.23	.54	.50	12.47
Mott	T	T	.67	.95	1.39	4.57	2.70	2.96	1.35	.37	.87	M	16.35
Richardton (Abbey)	.18	.10	T	.47	2.31	3.87	1.85	4.18	1.03	.40	.91	.60	15.90
SOUTHWEST DISTRICT (7)	.11	.07	.11	.90	1.53	3.51	2.42	3.33	1.25	.34	.68	.52	14.77
Bismarck (WSFO AP)	.12	.42	.09	.58	.90	1.67	3.69	3.32	1.88	.52	.79	.48	14.46
Carson	.01	.61	.42	.85	2.16	2.87	3.36	4.79	2.31	.63	.75	.23	18.99
Fort Yates	.04	.14	.04	.29	1.12	2.68	2.42	2.18	1.44	.51	.42	.15	11.43
Moffit	.05	.18	.28	.41	1.08	3.10	3.66	2.88	2.74	.36	.40	.25	15.39
New Salem	.07	.88	.02	.66	1.30	3.31	3.06	2.97	1.54	.40	.58	.57	15.36
Wilton	.39	.57	.08	.43	.71	3.50	M	3.43	M	.89	1.09	.38	17.05
SOUTH CENTRAL DISTRICT (8)	.10	.43	.11	.54	1.42	2.93	3.61	3.24	1.97	.57	.73	.38	16.03
Ashley	.07	.10	1.41	.98	2.50	3.04	6.35	5.23	1.21	.78	.47	.34	22.48
Ellendale	.10	.22	1.36	.52	2.18	4.05	6.30	2.11	1.68	3.00	.75	.29	22.56
Forman	.20	.23	1.07	.89	1.34	4.94	3.05	2.45	.56	2.29	.80	.98	18.80
Fullerton	.58	.15	1.14	.63	1.47	4.43	5.37	2.94	1.85	2.62	1.22	.48	22.88
Hankinson	M	1.12	.83	1.10	1.90	5.63	1.61	1.60	.37	2.62	.69	.73	18.40
Lisbon	.25	.15	.61	.75	1.42	3.56	3.80	1.78	.48	2.43	.67	.60	16.50
McLeod	.20	.68	.85	1.00	2.60	3.75	6.30	2.64	1.11	2.67	.52	.63	22.95
Napoleon	.26	.39	.51	.92	1.66	4.99	3.76	1.85	2.14	1.22	.56	.53	18.79
Wahpeton	.14	.65	1.06	2.46	1.25	4.48	4.84	1.58	.73	3.19	.52	.53	21.43
Wishek	.03	M	.50	1.13	1.21	3.04	6.92	1.36	1.33	.88	.77	.28	17.79
SOUTHEAST DISTRICT (9)	.20	.34	.79	.97	1.79	4.03	4.96	2.23	1.25	2.06	.69	.56	19.87
STATE	.31	.41	.37	.83	1.51	3.90	2.81	2.44	2.01	1.26	.63	.42	16.90

Underlined figures are partially estimated. M - Missing. 1/ Preliminary Data. Source: Environmental Data Service

LENGTH OF GROWING SEASON, SELECTED STATIONS, NORTH DAKOTA,
AT TEMPERATURES OF 28°F AND 32°F OR ABOVE

Station	County	Average Date of Last Spring Frost		Average Date of First Frost in Fall		Average Number of Days in Growing Season		Number of Years in Average
		28°	32°	32°	28°	32°	28°	
		(Date)	(Date)	(Date)	(Date)	(Days)	(Days)	(Years)
Northwest District								
Crosby	Divide	May 10	May 18	Sept. 16	Sept. 23	120	137	63
Minot Exp.	Ward	May 12	May 20	Sept. 17	Sept. 26	119	137	69
Mohall	Renville	May 11	May 18	Sept. 16	Sept. 23	122	135	44
Parshall	Mountrail	May 15	May 21	Sept. 12	Sept. 18	114	126	59
Powers Lake	Burke	May 15	May 23	Sept. 11	Sept. 23	111	133	41
Williston	Williams	May 4	May 13	Sept. 22	Sept. 28	132	146	78
North Central District								
Bottineau	Bottineau	May 15	May 21	Sept. 15	Sept. 23	116	130	70
Granville	McHenry	May 13	May 19	Sept. 15	Sept. 25	119	134	65
Maddock	Benson	May 15	May 23	Sept. 13	Sept. 21	113	129	53
Towner	McHenry	May 14	May 21	Sept. 12	Sept. 21	114	129	54
Northeast District								
Grafton	Walsh	May 9	May 18	Sept. 19	Sept. 25	123	139	70
Grand Forks	Grand Forks	May 6	May 16	Sept. 23	Sept. 29	130	146	66
Hansboro	Towner	May 17	May 27	Sept. 11	Sept. 18	106	124	65
Langdon Exp.	Cavalier	May 17	May 28	Sept. 13	Sept. 21	109	126	69
Pembina	Pembina	May 12	May 21	Sept. 17	Sept. 25	119	135	70
West Central District								
Dunn Center	Dunn	May 12	May 17	Sept. 18	Sept. 27	122	137	50
Garrison	McLean	May 8	May 18	Sept. 19	Sept. 25	124	139	62
Washburn	McLean	May 6	May 13	Sept. 2[illegible]	Oct. 1	137	148	26
Watford City	McKenzie	May 7	May 13	Sept. 19	Sept. 27	127	141	34
Central District								
Fessenden	Wells	May 8	May 17	Sept. 18	Sept. 26	123	140	40
Jamestown	Stutsman	May 5	May 15	Sept. 20	Sept. 29	128	146	73
McClusky	Sheridan	May 11	May 20	Sept. 18	Sept. 26	120	137	54
Pettibone	Kidder	May 13	May 22	Sept. 12	Sept. 17	111	124	46
East Central District								
Amenia	Cass	May 6	May 15	Sept. 23	Sept. 28	130	144	73
Cooperstown	Griggs	May 11	May 21	Sept. 19	Sept. 26	121	138	49
Fargo	Cass	May 4	May 12	Sept. 26	Oct. 2	137	151	66
Mayville	Traill	May 8	May 17	Sept. 24	Oct. 2	129	147	57
Southwest District								
Beach	Golden Valley	May 12	May 20	Sept. 18	Sept. 27	121	138	58
Bowman	Bowman	May 6	May 14	Sept. 21	Sept. 30	130	146	52
Dickinson Exp.	Stark	May 12	May 19	Sept. 14	Sept. 22	117	132	72
Hettinger	Adams	May 11	May 18	Sept. 20	Sept. 27	124	137	36
Marmarth	Slope	May 11	May 16	Sept. 15	Sept. 23	122	136	43
South Central District								
Carson #2	Grant	May 11	May 19	Sept. 15	Sept. 24	119	135	59
Mandan Exp.	Morton	May 7	May 12	Sept. 23	Sept. 28	133	144	59
Southeast District								
Edgeley Exp.	LaMoure	May 11	May 18	Sept. 19	Sept. 28	123	139	66
Lisbon	Ransom	May 10	May 19	Sept. 20	Sept. 27	123	139	64
McLeod	Ransom	May 9	May 15	Sept. 22	Sept. 29	129	143	62
Napoleon	Logan	May 14	May 21	Sept. 16	Sept. 23	118	132	72
Oakes	Dickey	May 5	May 13	Sept. 23	Oct. 1	133	149	46
Wahpeton	Richland	May 4	May 13	Sept. 25	Oct. 3	136	151	65

PLANTING AND HARVEST PROGRESS

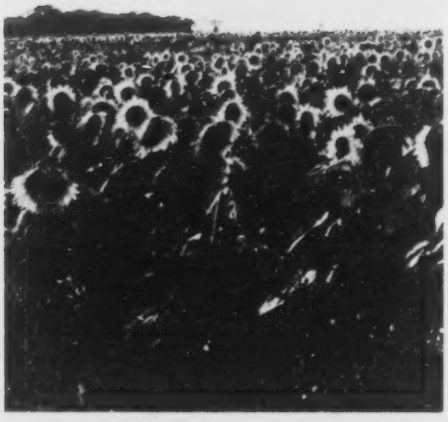
PERCENT OF ACREAGE PLANTED AND HARVESTED BY SPECIFIED DATES, NORTH DAKOTA, 1981 AND 5-YEAR AVERAGE

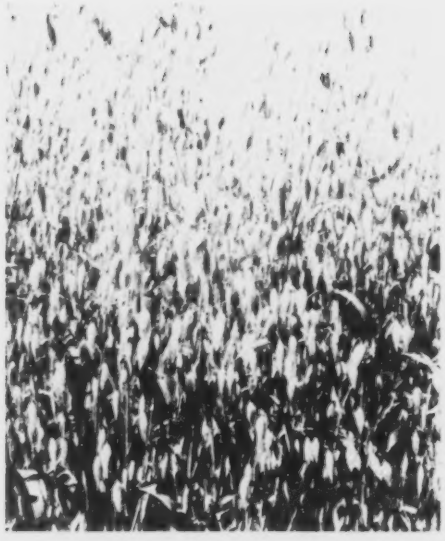
Crop	1981 & 5-Yr. Avg.	Percent Planted by Specified Dates						
		April			May			June
		10	20	30	10	20	30	10
Durum Wheat	1981	3	14	35	60	85	95	98
	1977-81	1	5	21	42	62	84	97
Other Spring Wheat	1981	11	31	57	77	92	97	99
	1977-81	2	11	30	51	69	89	98
Oats	1981	6	25	54	77	92	97	99
	1977-81	1	8	27	47	66	88	98
Barley	1981	7	23	46	73	87	94	97
	1977-81	1	8	26	49	68	88	97
Flax	1981		1	6	11	35	60	84
	1977-81		1/	5	14	28	51	81
Corn	1981		1/	3	16	47	72	90
	1977-81		1/	2	12	36	65	88
Soybeans	1981			1	4	34	71	94
	1977-81			1/	8	37	70	93
Beans, Dry	1981				1	30	64	95
	1977-81				5	31	72	96
Potatoes	1981			6	28	76	90	95
	1977-81			4	26	57	84	96
Sunflower	1981		1/	1	4	29	61	87
	1977-81		1/	1/	7	26	58	86
Sugarbeets	1981	5	49	78	99			
	1977-81							

Crop	1981 & 5-Yr. Avg.	Percent Harvested by Specified Dates										
		July	August			September			October			Nov.
		30	10	20	30	10	20	30	10	20	30	10
Durum Wheat	1981	1	10	45	74	94						
	1977-81	1	8	27	46	70	84	92	97	99		
Other Spring Wheat	1981	3	17	58	84	96						
	1977-81	4	18	42	62	82	92	96	99			
Winter Wheat	1981	21	58	90	100							
	1977-81	25	66	90	98							
Oats	1981	7	29	65	87	97						
	1977-81	8	28	54	74	89	96					
Barley	1981	15	44	79	92							
	1977-81	14	37	62	79	91	96					
Flax	1981			4	11	38	63	79	86	91	96	99
	1977-81			4	16	33	50	67	78	88	94	98
Rye	1981	23	68	95	100							
	1977-81	28	67	91	98							
Corn for Grain	1981					1/	2	7	28	34	62	90
	1977-81					1/	2	10	28	50	73	90
Soybeans	1981					2	8	28	37	53	74	99
	1977-81					6	11	21	51	78	93	
Beans, Dry	1981				1/	27	68	82	88	92	96	
	1977-81				1	21	45	66	86	96	99	
Potatoes	1981				3	16	56	74	84	91	96	99
	1977-81				2	12	37	58	85	97	99	
Sunflower	1981						2	7	17	36	63	94
	1977-81						2	8	22	47	71	90
Sugarbeets	1981							8	34	57	84	
	1977-81							8	40	84	97	

1/ Less than one-half of one percent.

CROPS





NORTH DAKOTA CROP SUMMARY, 1981

The Season in Review

General drought conditions prevailed over most of North Dakota in the spring of 1981. Field work began earlier than usual with some early field preparation done in February. Dry, windy weather sapped soil moisture and caused erosion problems. Planting of small grains progressed ahead of average with seeding virtually completed by May 31. Freezing temperatures in early May set back small grain development, damaged alfalfa, and caused extensive sugarbeet replanting.

Timely rains were received over most of the State on May 22-24 which brightened crop prospects considerably. Row crop planting was slowed some by the showers which continued throughout June, but planting was still completed at about the average pace with most crops in the ground by mid-June. By late June, the crop outlook was quite bright with soil moisture supplies adequate over most of the State.

However, an abrupt weather change in early July saw temperatures soar into the 90's and 100's on July 4-5. It hit small grains in many areas at a critical stage of development, reducing yield potential. Hot weather prevailed the first half of July continuing to hold down yield potentials for small grains. By mid-July over one-half of the State was short of topsoil moisture. The warm weather helped push row crop development which had lagged behind normal.

Cooler and damper weather in late July and into August kept row crops somewhat behind normal in maturity. Sunnier weather in late August and September was favorable for small grain harvest and row crop development. Row crops were generally in very good condition with near normal maturity by mid-September. Insect damage was prevalent in sunflower in eastern areas.

Small grain harvest made good progress in late August when drier conditions prevailed. Harvest was nearly complete by September 6, 10-12 days ahead of the average pace. Excellent harvest weather allowed an above average crop to be put into the bins relatively free of weather damage.

Wet weather in early October delayed row crop harvest, pushing progress behind normal. Freezing temperatures and snow the week of October 23 further delayed harvest but warmer, drier weather followed allowing harvest to be completed by early November. Row crop harvest finished about one week behind the average pace for most crops.

General Acreage & Production Summary

Acreage: The total planted acreage of all estimated crops (excluding hay) in North Dakota was 20.1 million acres in 1981, compared to 18.9 million in 1980. The total harvested acreage for the same crops was 19.4 million acres, up substantially from 1980's drought-reduced 15.4 million. Generally favorable growing and harvest conditions in 1981 led to below normal abandonment for most crops.

Harvested acreage increased from 1980 for every crop while planted acreage also increased for most crops. Small declines in planted acres were recorded for sugarbeets, rye and millet. Planted acreages in 1981 for other spring wheat and flaxseed were unchanged from 1980.

Production and Yield: Production in 1981 was larger than in 1980 for every crop as average yields far exceeded those in drought-stressed 1980. Record large productions were established for corn for grain, durum wheat, soybeans, dry edible beans and non-oil sunflower. Record large average yields per harvested acre were also set for corn for grain, barley and soybeans. The average potato yield equaled the previous high established in 1978.

The index of all crop production was 187 (1967=100), up from 105 in 1980 and 166 in 1979. The total grain production index nearly doubled that of 1980 while oil crop production was up 47 percent. The production index for other crops jumped 44 percent, and the hay production index was up 89 percent.

Index of Crop Production - North Dakota
1968-81 (1967=100)

Year	Grains			Oil Crops	Misc. 1/	Hay	All Crops
	Food	Feed	All				
1968	118	136	124	127	116	98	120
1969	115	145	124	161	128	104	125
1970	87	110	94	144	124	116	102
1971	162	136	154	97	148	119	145
1972	120	137	125	107	137	123	124
1973	132	119	129	126	154	101	127
1974	116	69	102	88	180	114	108
1975	145	92	129	120	181	127	132
1976	158	89	137	88	188	96	132
1977	126	118	123	244	237	78	134
1978	157	133	150	328	260	152	171
1979	139	94	125	586	212	136	166
1980	98	56	86	282	215	61	106
1981	181	134	167	405	306	115	187

1/ Non-oil sunflower, potatoes, sugar beets, dry edible beans, alfalfa seed.

NORTH DAKOTA'S PRINCIPAL CROPS: ACREAGE, YIELD, PRODUCTION

DOMESTIC UNITS

Crop	Acreage Planted		Acreage Harvested		Yield per Acre		Unit	Production	
	1980	1981	1980	1981	1980	1981		1980	1981
	(000)	(000)	(000)	(000)				(000)	(000)
Corn, Grain			290	513	58.0	81.0	Bu.	16,820	41,553
Silage			326	366	4.3	7.3	Tons	1,402	2,672
Forage			39	14			---		
All	700	900	655	893			---		
Wheat, Durum	4,400	4,600	3,850	4,510	19.0	29.0	Bu.	73,150	130,790
Spring 1/	7,200	7,200	5,700	7,050	18.5	28.0	Bu.	105,450	197,400
Winter	135	145	70	130	15.0	27.0	Bu.	1,050	3,510
All	11,735	11,945	9,620	11,690	18.7	28.4	Bu.	179,650	331,700
Oats	1,050	1,200	450	960	30.0	46.0	Bu.	13,500	44,160
Barley	1,850	2,250	1,500	2,200	32.0	48.0	Bu.	48,000	105,600
Rye	100	90	70	80	21.0	32.0	Bu.	1,470	2,560
Flaxseed	350	350	290	340	10.0	12.5	Bu.	2,900	4,250
Soybeans	210	235	200	230	17.5	28.0	Bu.	3,500	6,440
Bean, Dry Edible	265	430	255	415	10.5	11.0	Cwt.	2,678	4,565
Sunflower, Oil	2,200	2,420	2,050	2,400	980.0	1200.0	Lbs.	2,009,000	2,880,000
Non-Oil	200	230	185	228	930.0	1220.0	Lbs.	172,050	278,160
All	2,400	2,650	2,235	2,628	976.0	1202.0	Lbs.	2,181,050	3,158,160
Millet for Grain	160	130	50	85	28.0	33.0	Bu.	1,400	2,805
Mustard	50	70	41	69	650.0	920.0	Lbs.	26,650	63,480
Sugarbeets	147.6	145.6	142.7	144.9	14.1	18.3	Tons	2,017	2,652
Potatoes, Fall	114	119	112	115	140.0	175.0	Cwt.	15,680	20,125
Hay, Alfalfa			1,220	1,600	.95	1.60	Tons	1,159	2,560
All Other			1,600	1,630	.85	1.35	Tons	1,360	2,201
All			2,820	3,230	.89	1.47	Tons	2,519	4,761
Total Acres 2/	21,952	23,745	18,441	23,080					

METRIC UNITS

Crop	Hectares Planted		Hectares Harvested		Yield per Hectare Metric Tons		Production Metric Tons	
	1980	1981	1980	1981	1980	1981	1980	1981
Corn, Grain			117,360	207,610	3.64	5.08	427,250	1,055,510
Silage			131,930	148,120	9.64	16.37	1,271,890	2,424,020
Forage			15,780	5,660				
All	283,280	364,220	265,070	361,390				
Wheat, Durum	1,780,640	1,861,570	1,558,060	1,825,150	1.28	1.95	1,990,840	3,559,560
Spring 1/	2,913,770	2,913,770	2,306,730	2,853,070	1.24	1.88	2,869,910	5,372,400
Winter	54,630	58,680	28,330	52,610	1.01	1.82	28,580	95,530
All	4,749,040	4,834,020	3,893,120	4,730,830	1.26	1.91	4,889,330	9,027,490
Oats	424,920	485,630	182,110	388,500	1.08	1.65	195,950	640,990
Barley	748,680	910,550	607,040	890,320	1.72	2.58	1,045,090	2,299,190
Rye	40,470	36,420	28,330	32,380	1.32	2.01	37,340	65,030
Flaxseed	141,640	141,640	117,360	137,590	.63	.78	73,660	107,960
Soybeans	84,980	95,100	80,940	93,080	1.18	1.88	95,260	175,270
Beans, Dry Edible	107,240	174,020	103,200	167,950	1.18	1.23	121,470	207,070
Sunflower, Oil	890,320	979,350	829,610	971,260	1.10	1.35	911,280	1,306,360
Non-Oil	80,940	93,080	74,870	92,270	1.04	1.37	78,040	126,170
All	971,260	1,072,430	904,480	1,063,530	1.09	1.35	989,320	1,432,530
Millet for Grain	64,750	52,610	20,230	34,400	1.54	1.81	31,120	62,340
Mustard	20,230	28,330	16,590	27,920	.73	1.03	12,090	28,790
Sugarbeets	59,730	58,920	57,750	58,640	31.69	41.03	1,829,810	2,405,880
Potatoes, Fall	46,130	48,160	45,330	46,540	15.69	19.61	711,240	912,860
Hay, Alfalfa			493,720	647,500	2.13	3.59	1,051,440	2,322,420
All Other			647,500	659,650	1.91	3.03	1,233,780	1,996,730
All			1,141,220	1,307,150	2.00	3.30	2,285,220	4,319,150
Total Hectares 2/	8,883,570	9,609,200	7,462,770	9,340,220				

1/ Spring Wheat other than Durum. 2/ Planted acres include harvested for hay.

HISTORIC ESTIMATES, PRINCIPAL CROPS, NORTH DAKOTA, 1972-81

ACREAGE, YIELD AND PRODUCTION

ALL WHEAT

Year	Acres Planted	Acres Harvested	Yield per Acre Harvested	Production
	(000)	(000)	(Bu.)	(000 Bu.)
1972	7,627	7,507	28.9	216,818
1973	8,940	8,773	27.5	241,586
1974	10,500	10,316	20.4	210,752
1975	10,627	10,213	25.9	264,392
1976	11,930	11,655	24.7	287,830
1977	9,960	9,254	24.8	229,907
1978	9,760	9,585	29.8	286,065
1979	9,900	9,600	26.3	252,235
1980	11,735	9,620	18.7	179,650
1981	11,945	11,690	28.4	331,700

OTHER SPRING WHEAT

Year	Acres Planted	Acres Harvested	Yield per Acre Harvested	Production
	(000)	(000)	(Bu.)	(000 Bu.)
1972	5,221	5,143	29.0	149,147
1973	6,270	6,170	27.5	169,675
1974	6,770	6,660	20.5	136,530
1975	6,400	6,130	25.5	156,315
1976	8,080	7,900	24.5	193,550
1977	7,200	6,680	25.0	167,000
1978	6,300	6,210	29.0	180,090
1979	6,400	6,230	26.5	165,095
1980	7,200	5,700	18.5	105,450
1981	7,200	7,050	28.0	197,400

DURUM WHEAT

Year	Acres Planted	Acres Harvested	Yield per Acre Harvested	Production
	(000)	(000)	(Bu.)	(000 Bu.)
1972	2,333	2,298	28.5	65,493
1973	2,590	2,530	27.5	69,575
1974	3,600	3,540	20.0	70,800
1975	4,080	3,960	26.5	104,940
1976	3,710	3,620	25.0	90,500
1977	2,600	2,470	24.5	60,515
1978	3,300	3,240	31.5	102,060
1979	3,330	3,250	26.0	84,500
1980	4,400	3,850	19.0	73,150
1981	4,600	4,510	29.0	130,790

WINTER WHEAT

Year	Acres Planted	Acres Harvested	Yield per Acre Harvested	Production
	(000)	(000)	(Bu.)	(000 Bu.)
1972	73	66	33.0	2,178
1973	80	73	32.0	2,336
1974	130	116	29.5	3,422
1975	147	123	25.5	3,137
1976	140	135	28.0	3,780
1977	160	104	23.0	2,392
1978	160	135	29.0	3,915
1979	170	120	22.0	2,640
1980	135	70	15.0	1,050
1981	145	130	27.0	3,510

OATS

Year	Acres Planted	Acres Harvested	Yield per Acre Harvested	Production
	(000)	(000)	(Bu.)	(000 Bu.)
1972	2,230	2,070	51.0	105,570
1973	2,120	1,800	41.0	73,800
1974	1,670	1,400	31.5	44,100
1975	1,500	1,370	41.0	56,170
1976	1,320	1,180	38.0	44,840
1977	1,900	1,500	40.0	60,000
1978	1,320	1,160	54.0	62,640
1979	1,050	840	44.0	36,960
1980	1,050	450	30.0	13,500
1981	1,200	960	46.0	44,160

BARLEY

Year	Acres Planted	Acres Harvested	Yield per Acre Harvested	Production
	(000)	(000)	(Bu.)	(000 Bu.)
1972	2,695	2,617	40.0	104,680
1973	2,860	2,770	37.0	102,490
1974	2,110	2,010	28.0	56,280
1975	2,220	2,100	38.0	79,800
1976	2,200	2,140	38.0	81,320
1977	2,690	2,530	39.0	98,670
1978	2,500	2,450	46.0	112,700
1979	1,700	1,650	46.0	75,900
1980	1,850	1,500	32.0	48,000
1981	2,250	2,200	48.0	105,600

RYE

Year	Acres Planted	Acres Harvested	Yield per Acre Harvested	Production
	(000)	(000)	(Bu.)	(000 Bu.)
1972	158	142	32.5	4,615
1973	116	103	29.5	3,039
1974	116	106	25.0	2,650
1975	135	119	25.0	2,975
1976	120	111	25.5	2,831
1977	110	80	26.0	2,080
1978	200	180	30.0	5,400
1979	170	150	28.0	4,200
1980	100	70	21.0	1,470
1981	90	80	32.0	2,560

FLAXSEED

Year	Acres Planted	Acres Harvested	Yield per Acre Harvested	Production
	(000)	(000)	(Bu.)	(000 Bu.)
1972	625	610	12.0	7,320
1973	977	947	8.0	7,576
1974	886	836	8.0	6,688
1975	815	770	10.0	7,700
1976	495	470	8.0	3,760
1977	750	700	10.0	7,000
1978	360	350	11.5	4,025
1979	480	460	13.0	5,980
1980	350	290	10.0	2,900
1981	350	340	12.5	4,250

SUGARBEETS

Year	Acres Planted	Acres Harvested	Yield per Acre Harvested	Production
	(000)	(000)	(Tons)	(000 Tons)
1972	75.6	73.9	13.6	1,008
1973	80.1	79.3	16.2	1,284
1974	143.2	139.9	11.2	1,562
1975	139.6	130.9	13.9	1,820
1976	153.2	149.8	13.5	2,022
1977	157.8	155.2	17.8	2,769
1978	156.2	155.2	19.7	3,054
1979	145.3	143.1	16.1	2,304
1980	147.6	142.7	14.1	2,017
1981	145.6	144.9	18.3	2,652

POTATOES

Year	Acres Planted	Acres Harvested	Yield per Acre Harvested	Production
	(000)	(000)	(Cwt.)	(000 Cwt.)
1972	122	120	145	17,400
1973	133	132	145	19,140
1974	139	135	170	22,950
1975	116	110	160	17,600
1976	126	123	140	17,220
1977	142	140	160	22,400
1978	137	135	175	23,625
1979	121	114	160	18,240
1980	114	112	140	15,680
1981	119	115	175	20,125

ALL DRY EDIBLE BEANS

Year	Acres Planted	Acres Harvested	Yield per Acre Harvested	Production
	(000)	(000)	(Cwt.)	(000 Cwt.)
1972	84	78	12.0	936
1973	102	100	10.5	1,050
1974	134	102	6.5	663
1975	127	122	9.7	1,183
1976	144	139	8.0	1,112
1977	115	105	10.5	1,103
1978	118	113	11.0	1,243
1979	110	105	13.5	1,418
1980	265	255	10.5	2,678
1981	430	415	11.0	4,565

Dry Beans by Commercial Classes (000 Cwt.)

Year	Peas, Navy	Great Northern	Pinto	Other	Total
1972	0	11	918	7	936
1973	0	21	985	44	1,050
1974	46	15	594	8	663
1975	61	2	1,117	3	1,183
1976	63	5	1,043	1	1,112
1977	150	9	944	0	1,103
1978	270	3	966	4	1,243
1979	247	3	1,158	10	1,418
1980	404	0	2,248	26	2,678
1981	725	0	3,715	125	4,565

HISTORIC ESTIMATES CONT.

ACREAGE, YIELD AND PRODUCTION

Year	Acres Planted	Acres Harvested	Acres Harvested	Yield per Acre	Production
	(000)	(000)	(000)	(Bu.)	(000 Bu.)
	ALL CORN		CORN GRAIN		
1972	495	490	170	67.0	11,390
1973	544	539	180	56.0	10,080
1974	533	520	170	48.0	8,160
1975	500	467	140	51.0	7,140
1976	510	501	204	40.0	8,160
1977	620	600	260	73.0	18,980
1978	600	593	300	79.0	23,700
1979	590	580	313	76.0	23,788
1980	700	655	290	58.0	16,820
1981	900	893	513	81.0	41,553

Year	Acres Harvested	Yield per Acre	Production	Acres
	(000)	(Ton)	(000 Tons)	(000)
	CORN SILAGE			FORAGE
1972	282	7.0	1,974	38
1973	305	5.1	1,556	54
1974	320	5.6	1,792	30
1975	294	5.4	1,588	33
1976	280	5.0	1,400	17
1977	309	5.1	1,576	31
1978	274	6.7	1,836	19
1979	252	6.7	1,688	15
1980	326	4.3	1,402	39
1981	366	7.3	2,672	14

Year	Acres Planted	Acres Harvested	Yield per Acre Harv.	Production
	(000)	(000)	(Bu.)	(000 Bu.)
		SOYBEANS		
1972	200	190	20.5	3,895
1973	220	218	23.5	5,123
1974	168	165	16.5	2,723
1975	180	149	19.5	2,906
1976	150	147	12.5	1,838
1977	180	175	20.0	3,500
1978	175	173	27.5	4,758
1979	210	206	27.0	5,562
1980	210	200	17.5	3,500
1981	235	230	28.0	6,440
		SUNFLOWER - OIL		
			(Pounds)	(000 Lbs.)
1972	274	267	930	248,310
1973	305	300	1100	330,000
1974	193	188	1000	188,000
1975	376	349	1100	383,900
1976	433	420	1000	420,000
1977	1190	1155	1270	1,466,850
1978	1740	1731	1340	2,319,540
1979	3300	3220	1360	4,379,200
1980	2200	2050	980	2,009,000
1981	2420	2400	1200	2,880,000
		SUNFLOWER - NON-OIL		
1972	144	140	860	120,400
1973	113	111	910	101,010
1974	186	179	920	164,680
1975	166	149	1100	163,900
1976	187	180	1000	180,000
1977	170	165	1160	191,400
1978	180	179	1260	225,540
1979	160	158	1300	205,400
1980	200	185	930	172,050
1981	230	228	1220	278,160
		SUNFLOWER - TOTAL		
1972	418	407	910	368,710
1973	418	411	1050	431,010
1974	379	367	960	352,680
1975	542	498	1100	547,800
1976	620	600	1000	600,000
1977	1360	1320	1255	1,658,250
1978	1920	1910	1333	2,545,080
1979	3460	3378	1357	4,584,600
1980	2400	2235	976	2,181,050
1981	2650	2628	1202	3,158,160

Year	Acres Harvested	Yield per Acre	Production
	(000)	(Tons)	(000 Tons)
		ALL HAY	
1972	3,384	1.51	5,101
1973	3,660	1.15	4,197
1974	3,700	1.27	4,707
1975	3,540	1.49	5,268
1976	3,440	1.16	3,976
1977	3,140	1.03	3,229
1978	3,430	1.83	6,285
1979	3,500	1.61	5,650
1980	2,820	.89	2,519
1981	3,230	1.47	4,761
		ALFALFA HAY	
1972	1,600	1.85	2,960
1973	1,800	1.35	2,430
1974	1,830	1.55	2,837
1975	1,920	1.90	3,648
1976	1,840	1.30	2,392
1977	1,600	1.20	1,920
1978	1,900	2.10	3,990
1979	2,000	1.85	3,700
1980	1,220	.95	1,159
1981	1,600	1.60	2,560
		OTHER HAY	
1972	1,784	1.20	2,141
1973	1,860	.95	1,767
1974	1,870	1.00	1,870
1975	1,620	1.00	1,620
1976	1,600	.99	1,584
1977	1,540	.85	1,309
1978	1,530	1.50	2,295
1979	1,500	1.30	1,950
1980	1,600	.85	1,360
1981	1,630	1.35	2,201

Year	Acres Planted	Acres Harvested	Yield per Acre Harv.	Production
		MILLET		
	(Acres)	(Acres)	(Bu.)	(000 Bu.)
1972	103,000	91,000	27.5	2,503
1973	124,000	98,000	28.0	2,744
1974	140,000	120,000	29.0	3,480
1975	120,000	96,000	29.5	2,832
1976	118,000	91,000	15.0	1,365
1977	210,000	166,000	30.0	4,980
1978	85,000	70,000	28.5	1,995
1979	80,000	65,000	32.0	2,080
1980	160,000	50,000	28.0	1,400
1981	130,000	85,000	33.0	2,805
		MUSTARD		
	(Acres)	(Acres)	(Pounds)	(000 Lbs.)
1979	45,000	43,000	700	30,100
1980	50,000	41,000	650	26,650
1981	70,000	69,000	920	63,480

Year	Acres	Year	Acres
	SUMMER FALLOW		
1962	6,678,000	1972	9,500,000
1963	6,554,000	1973	7,720,000
1964	6,961,000	1974	6,690,000
1965	6,674,000	1975	7,040,000
1966	6,918,000	1976	6,440,000
1967	6,640,000	1977	6,380,000
1968	7,470,000	1978	6,550,000
1969	8,967,000	1979	6,500,000
1970	9,380,000	1980	6,450,000
1971	7,895,000	1981	5,200,000

HISTORIC ESTIMATES CONT.

SEASON AVERAGE PRICE AND VALUE OF PRODUCTION

Crop of	Season Average Price* (Dols./Bu.)	Value of Production (000 Dols.)	Value per Harvested Acre (Dols./Ac.)
		ALL WHEAT	
1972	1.90	411,198	54.78
1973	4.82	1,165,251	132.82
1974	4.95	1,043,923	101.19
1975	4.28	1,131,964	110.84
1976	2.60	748,932	64.26
1977	2.47	567,367	61.3
1978	2.84	813,154	84.84
1979	3.82	964,142	100.43
1980	4.40	790,157	82.14
1981	3.56	1,180,339	100.97
		SPRING WHEAT OTHER THAN DURUM	
1972	1.88	280,396	54.52
1973	4.28	726,209	117.70
1974	4.45	607,559	91.23
1975	4.05	633,076	103.28
1976	2.67	516,779	65.42
1977	2.40	400,800	60.00
1978	2.80	504,252	81.20
1979	3.53	582,785	93.54
1980	3.92	413,364	72.52
1981	3.60	710,640	100.80
		DURUM	
1972	1.94	127,056	55.29
1973	6.17	429,278	169.68
1974	5.97	422,676	119.40
1975	4.65	487,971	123.23
1976	2.47	223,535	61.75
1977	2.66	160,970	65.17
1978	2.93	299,036	92.30
1979	4.41	372,645	114.66
1980	5.10	373,065	96.90
1981	3.50	457,765	101.50
		WINTER	
1972	1.72	3,746	56.76
1973	4.18	9,764	133.75
1974	4.00	13,688	118.00
1975	3.48	10,917	88.76
1976	2.28	8,618	63.84
1977	2.34	5,597	53.82
1978	2.52	9,866	73.08
1979	3.30	8,712	72.60
1980	3.55	3,728	53.26
1981	3.40	11,934	91.80
		OATS	
1972	.61	64,398	31.11
1973	1.10	81,180	45.10
1974	1.41	62,181	44.42
1975	1.32	74,144	54.12
1976	1.37	61,431	52.06
1977	.94	56,400	37.60
1978	1.00	62,640	54.00
1979	1.16	42,874	51.04
1980	1.77	23,895	53.10
1981	1.70	75,072	78.20
		BARLEY	
1972	1.04	108,867	41.60
1973	2.09	214,204	77.33
1974	3.10	174,468	86.80
1975	2.55	203,490	96.90
1976	2.24	182,157	85.12
1977	1.54	151,952	60.06
1978	1.78	200,606	81.88
1979	2.06	156,354	94.76
1980	2.62	125,760	83.84
1981	2.30	242,880	110.40

Crop of	Season Average Price* (Dols./Bu.)	Value of Production (000 Dols.)	Value per Harvested Acre (Dols./Ac.)
		RYE	
1972	.81	3,738	26.32
1973	2.08	6,321	61.37
1974	2.53	6,705	63.25
1975	2.34	6,962	58.50
1976	2.40	6,794	61.21
1977	1.80	3,744	46.80
1978	1.69	9,126	50.70
1979	1.70	7,140	47.60
1980	2.64	3,881	55.44
1981	2.70	6,912	86.40
		FLAXSEED	
1972	3.13	22,912	37.56
1973	7.62	57,729	60.96
1974	9.60	64,205	76.80
1975	6.51	50,127	65.10
1976	7.18	26,997	57.44
1977	4.64	32,480	46.40
1978	5.84	23,506	67.16
1979	5.76	34,445	74.88
1980	7.18	20,822	71.70
1981	6.65	28,263	83..
		SUGARBEETS*	
1972	16.40	16,531	223.69
1973	25.80	33,127	417.74
1974	38.70	60,449	432.09
1975	28.50	51,870	396.26
1976	19.70	39,833	265.91
1977	21.40	59,257	381.81
1978	22.90	69,937	450.63
1979	34.10	78,566	549.03
1980	46.30	93,387	654.43
1981	1/	1/	1/
		POTATOES*	
1972	2.75	47,850	398.75
1973	4.60	88,044	667.00
1974	3.15	72,293	535.50
1975	4.20	73,920	672.00
1976	3.45	59,409	483.00
1977	2.70	60,480	432.00
1978	2.60	61,425	455.00
1979	3.25	59,280	520.00
1980	6.85	107,408	959.00
1981	4.50	90,563	787.50
		DRY EDIBLE BEANS*	
1972	7.00	6,552	84.00
1973	21.30	22,365	223.65
1974	23.90	15,846	155.35
1975	14.70	17,390	142.54
1976	11.20	12,454	89.60
1977	15.80	17,427	165.97
1978	13.50	16,781	148.50
1979	22.50	31,905	303.86
1980	24.70	66,147	259.40
1981	20.30	92,670	223.30
		CORN	
1972	1.37	15,604	91.79
1973	2.33	23,486	130.48
1974	3.07	25,051	147.36
1975	2.52	17,993	128.52
1976	2.19	17,870	85.60
1977	1.97	37,391	143.81
1978	2.06	48,822	162.74
1979	2.13	50,668	161.88
1980	2.87	48,273	166.46
1981	2.20	91,417	178.20

Crop of	Season Average Price* (Dols./Bu.)	Value of Production (000 Dols.)	Value per Harvested Acre (Dols./Ac.)
		SOYBEANS	
1972	4.25	16,554	87.13
1973	5.50	28,177	129.25
1974	6.00	16,338	99.02
1975	4.99	14,501	97.32
1976	7.30	13,417	91.27
1977	5.83	20,405	116.60
1978	6.75	32,117	185.65
1979	5.80	32,260	156.60
1980	7.02	24,570	122.85
1981	5.60	36,064	156.80
		SUNFLOWER - OIL*	
1972	4.75	11,795	44.18
1973	8.50	28,050	93.50
1974	16.30	30,644	163.00
1975	10.40	39,926	114.40
1976	10.80	45,360	108.00
1977	10.50	154,019	133.35
1978	10.40	241,232	139.36
1979	8.76	383,618	119.14
1980	10.80	216,972	105.84
1981	10.60	305,280	127.20
		SUNFLOWER - NON-OIL*	
1972	5.30	6,381	45.58
1973	8.40	8,485	76.44
1974	14.60	24,043	134.32
1975	11.70	19,176	128.70
1976	11.70	21,060	117.00
1977	10.90	20,863	126.44
1978	10.90	24,584	137.34
1979	11.70	24,032	152.10
1980	13.20	22,711	122.76
1981	13.60	37,830	165.92
		SUNFLOWER - TOTAL*	
1972	4.93	18,176	44.66
1973	8.48	36,535	88.89
1974	15.51	54,687	149.01
1975	10.80	59,102	118.68
1976	11.10	66,420	110.70
1977	10.60	174,882	132.49
1978	10.40	265,816	139.17
1979	8.89	407,650	120.68
1980	11.00	239,683	107.24
1981	10.90	343,110	130.56
		ALL HAY*	
1972	18.00	91,818	27.13
1973	32.00	134,304	36.70
1974	41.50	195,341	52.79
1975	36.00	189,648	53.57
1976	45.50	180,908	52.59
1977	44.00	142,076	45.25
1978	36.00	226,260	65.97
1979	37.50	211,875	60.54
1980	75.00	118,925	66.99
1981	62.00	295,182	91.39
		TOTAL PRINCIPAL CROPS	
1972		824,198	47.45
1973		1,890,723	98.61
1974		1,791,487	92.12
1975		1,891,111	98.18
1976		1,416,622	69.58
1977		1,323,861	68.38
1978		1,830,190	91.78
1979		2,077,159	101.53
1980		1,732,908	96.35
1981 1/		2,482,472	110.82

* Season average price: sugarbeets and hay, dollars per ton; potatoes, sunflow[illegible]nd dry edible beans, dollars per hundredweight. 1/ Sugarbeets are not included for 1981 as price is not available.

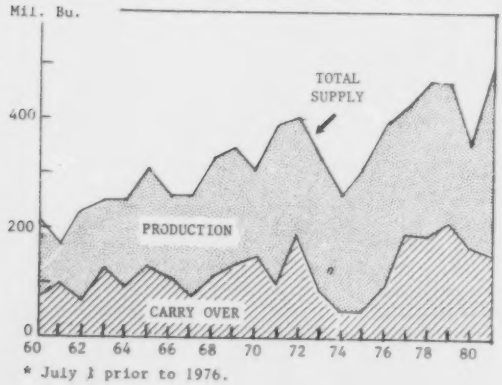
GRAIN STOCKS

STOCKS BY POSITIONS, QUARTERLY, NORTH DAKOTA, 1972-81

Year Beginning Oct. 1	On Farm				Off Farm				Total			
	Oct. 1	Jan. 1	April 1	June 1 2/	Oct. 1	Jan. 1	April 1	June 1 2/	Oct. 1	Jan. 1	April 1	June 1 2/
	Thousand Bushels											
ALL WHEAT												
1972	273,191	199,473	140,932	60,709	50,938	43,247	37,546	28,255	324,129	242,720	178,478	88,964
1973	212,596	132,872	74,892	38,654	45,213	24,714	23,355	12,045	257,809	157,586	98,247	50,699
1974	166,494	111,699	84,301	35,828	42,477	31,458	22,172	11,701	208,971	143,157	106,473	47,529
1975	198,294	142,772	111,045	76,674	49,839	40,475	30,444	21,709	248,133	183,247	141,489	98,383
1976	238,899	207,238	175,576	161,185	67,449	55,849	46,224	33,400	306,348	263,087	221,800	194,585
1977	298,879	246,000	209,215	156,337	58,339	47,578	41,199	32,804	357,218	293,578	250,414	189,141
1978	314,672	271,762	243,155	180,221	64,186	47,076	43,565	32,042	378,858	318,838	286,720	212,263
1979	317,816	242,146	194,221	138,729	62,839	43,409	41,600	35,500	380,655	285,555	235,821	174,229
1980	213,784	179,650	154,499	116,773	59,000	53,500	43,000	34,626	272,784	233,150	197,499	151,399
1981 1/	338,334	278,628	252,092		64,300	48,000	42,000		402,634	326,628	294,092	
DURUM WHEAT												
1972	81,866	64,838	42,570	17,028	12,145	11,296	9,815	6,719	94,011	76,134	52,385	23,747
1973	60,530	45,224	32,005	16,698	8,647	6,385	6,100	4,822	69,177	52,209	38,105	21,520
1974	62,304	45,312	33,276	12,036	13,647	11,480	6,672	3,625	75,951	56,792	39,948	15,661
1975	74,507	55,618	45,124	33,581	16,536	14,251	10,876	9,148	91,043	69,869	56,000	42,729
1976	95,930	83,260	68,780	61,540	22,124	18,455	15,009	10,048	118,054	101,715	83,789	71,588
1977	89,562	70,197	51,438	40,545	16,280	13,231	10,209	7,490	105,842	83,428	61,647	48,035
1978	100,019	83,689	71,442	60,215	15,141	11,055	11,468	8,211	115,160	94,744	82,910	68,426
1979	103,090	74,360	54,925	42,250	16,725	10,428	11,240	6,101	119,815	84,788	66,165	48,351
1980	71,687	59,983	49,742	37,307	15,973	15,600	11,050	7,599	87,660	75,583	60,792	44,906
1981 1/	121,635	100,708	90,245		19,000	13,000	10,500		140,635	113,708	100,745	
BARLEY												
1972	117,242	88,978	68,042	41,872	8,884	9,888	10,974	10,363	126,126	98,866	79,016	52,235
1973	107,615	72,768	46,121	18,448	14,123	12,293	11,807	6,592	121,738	85,061	57,928	25,040
1974	47,838	33,768	21,386	10,130	9,026	8,276	6,887	5,302	56,864	42,044	28,273	15,432
1975	63,840	49,476	36,708	28,728	10,553	9,222	7,814	5,649	74,393	58,698	44,522	34,377
1976	65,869	49,605	34,154	19,517	12,389	10,206	9,479	6,490	78,258	59,811	43,633	26,007
1977	84,856	75,976	54,269	42,428	11,082	10,265	11,288	6,917	95,938	86,241	65,557	49,345
1978	118,335	96,922	76,636	61,985	12,392	13,720	14,700	12,017	130,727	110,642	91,336	74,002
1979	106,260	88,803	68,310	52,371	16,539	11,569	12,400	9,167	122,799	100,372	80,710	61,538
1980	72,000	51,840	38,880	28,800	12,880	12,500	10,200	8,437	84,880	64,340	49,080	37,237
1981 1/	91,872	69,696	52,800		11,000	8,200	8,000		102,872	77,896	60,800	
OATS												
1972	143,575	111,904	79,178	51,729	37,494	36,320	36,508	33,341	181,069	148,224	115,686	85,070
1973	101,106	75,276	47,970	29,520	33,605	28,988	24,724	17,600	134,711	104,264	72,694	47,120
1974	52,920	42,777	26,460	14,553	17,877	14,896	13,205	12,658	70,797	57,673	39,665	27,211
1975	56,732	47,745	30,332	23,591	14,588	12,594	10,970	6,823	71,320	60,339	41,302	30,414
1976	56,050	41,253	25,110	17,039	5,922	3,400	2,633	2,037	61,972	44,653	27,743	19,076
1977	66,000	53,400	40,200	30,600	4,488	3,381	3,294	2,943	70,488	56,781	43,494	33,543
1978	68,904	62,640	46,980	35,078	5,259	4,380	4,039	3,345	74,163	67,020	51,019	38,423
1979	59,136	49,896	37,330	26,611	3,965	3,081	2,010	1,551	63,101	52,977	39,340	28,162
1980	33,750	26,325	15,390	11,475	1,610	1,400	1,500	1,076	35,360	27,725	16,890	12,551
1981 1/	45,043	35,328	22,522		2,200	1,800	1,300		47,243	37,128	23,822	

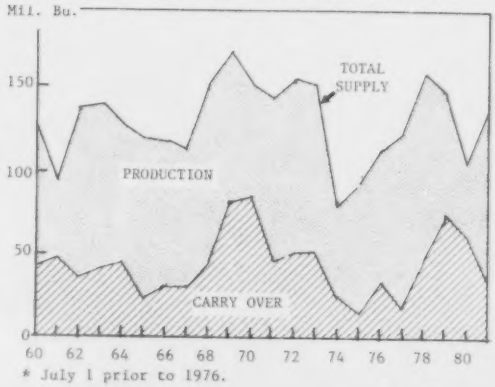
1/ Preliminary. 2/ July 1 prior to 1975.

ALL WHEAT
Total Supply, Production and
June 1 Carry Over*, North Dakota, 1960-81



* July 1 prior to 1976.

BARLEY
Total Supply, Production and
June 1 Carry Over*, North Dakota, 1960-81



* July 1 prior to 1976.

GRAIN STOCKS CONT.

STOCKS BY POSITIONS, QUARTERLY, NORTH DAKOTA, 1972-81

Year Beginning Oct. 1	On Farm				Off Farm				Total			
	Oct. 1	Jan. 1	April 1	June 1 2/	Oct. 1	Jan. 1	April 1	June 1 2/	Oct. 1	Jan. 1	April 1	June 1 2/
	- - - - - - - - - - Thousand Bushels - - - - - - - - - -											
RYE												
1972	5,400	4,615	3,692	1,846	5,424	5,028	4,791	4,380	10,824	9,643	8,483	6,226
1973	1,975	1,580	1,064	760	3,367	1,863	1,472	632	5,342	3,443	2,536	1,392
1974	1,776	1,458	1,140	742	1,144	676	527	390	2,920	2,134	1,667	1,132
1975	1,488	1,190	714	536	691	447	300	205	2,179	1,637	1,014	741
1976	1,472	1,274	708	510	843	495	290	188	2,315	1,769	998	698
1977	1,914	1,622	1,290	1,040	288	184	126	93	2,202	1,806	1,416	1,133
1978	3,780	3,402	3,132	2,430	941	683	620	486	4,721	4,085	3,752	2,916
1979	4,452	3,696	3,360	2,940	1,432	1,043	916	812	5,884	4,739	4,276	3,752
1980	1,646	1,279	720	382	560	389	330	127	2,206	1,668	1,050	509
1981 1/	1,434	768	512		240	180	100		1,674	948	612	
FLAXSEED												
1972	4,685	2,050	878	220	5,508	4,448	2,182	638	10,193	6,498	3,060	858
1973	4,167	1,970	1,439	455	2,010	1,172	753	349	6,177	3,142	2,192	804
1974	4,882	2,006	1,338	736	1,344	1,145	812	567	6,226	3,151	2,150	1,303
1975	4,620	2,387	1,617	1,078	2,277	2,047	1,352	802	6,897	4,434	2,969	1,880
1976	2,632	1,692	1,128	677	1,240	726	370	305	3,872	2,418	1,498	982
1977	5,250	3,150	2,660	1,890	1,269	1,607	1,006	642	6,519	4,757	3,666	2,532
1978	2,616	1,932	1,449	604	1,259	1,117	560	421	3,875	3,049	2,009	1,025
1979	4,664	2,930	2,332	1,674	859	1,340	620	602	5,523	4,270	2,952	2,276
1980	2,900	1,740	1,044	609	372	640	360	313	3,272	2,380	1,404	922
1981 1/	3,018	2,168	1,403		900	400	260		3,918	2,568	1,663	

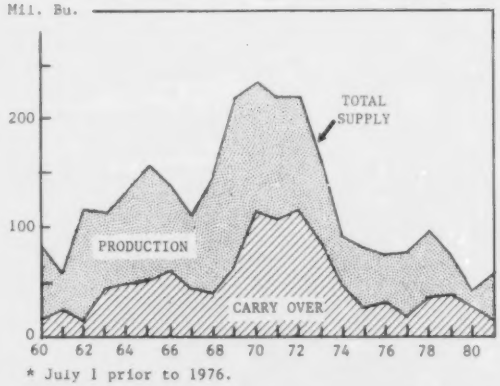
Year	On Farm				Off Farm				Total			
	Jan. 1	April 1	June 1	Oct. 1 3/	Jan. 1	April 1	June 1	Oct. 1 3/	Jan. 1	April 1	June 1	Oct. 1 3/
CORN												
1972	8,543	5,467	3,873	1,709	1,067	869	696	526	9,610	6,336	4,569	2,235
1973	6,653	4,738	1,512	756	1,140	896	386	174	7,793	5,634	1,898	930
1974	5,712	3,427	1,387	816	820	459	296	154	6,532	3,886	1,683	970
1975	5,355	3,570	2,071	428	954	648	265	423	6,309	4,218	2,336	851
1976	5,059	3,509	1,795	816	808	519	566	336	5,867	4,028	2,361	1,152
1977	15,184	11,008	7,592	5,314	1,321	1,121	898	733	16,505	12,129	8,490	6,047
1978	21,330	13,746	11,850	9,006	1,755	1,807	1,172	960	23,085	15,553	13,022	9,966
1979	19,744	14,273	11,894	9,515	2,058	890	986	863	21,802	15,163	12,880	10,378
1980	13,961	8,074	6,728	3,364	2,500	1,857	1,157	420	16,461	9,931	7,885	3,784
1981 1/	29,087	26,178			3,150	2,000			32,237	28,178		
SOYBEANS												
1972	1,441	584	23	0	791	365	108	23	2,232	949	131	23
1973	2,459	1,998	1,076	205	1,117	920	776	218	3,576	2,918	1,852	423
1974	1.770	1,552	654	272	844	654	642	406	2,614	2,206	1,296	678
1975	1,453	1,191	872	407	1,184	816	731	272	2,637	2,007	1,603	679
1976	1,195	772	257	74	431	150	177	108	1,626	922	434	182
1977	2,205	1,295	875	350	791	543	395	171	2,996	1,838	1,270	521
1978	2,760	2,284	1,332	428	954	662	503	375	3,714	2,946	1,835	803
1979	3,671	3,059	2,392	278	1,351	920	723	414	5,022	3,979	3,115	692
1980	1,750	1,400	700	245	912	640	450	330	2,662	2,040	1,150	575
1981 1/	3,284	2,769			1,700	1,200			4,984	3,969		

1/ Preliminary. 2/ July 1 prior to 1975. 3/ Sept. 1 for Soybeans

HAY

Crop Of	Production	Stocks Jan. 1	Stocks May 1
	- - - Thousand Ton - - -		
1972	5,101	4,387	1,275
1973	4,197	3,567	672
1974	4,707	3,813	941
1975	5,268	4,267	1,528
1976	3,976	3,499	716
1977	3,229	2,809	452
1978	6,285	5,091	1,697
1979	5,650	5,255	1,526
1980	2,519	2,645	479
1981	4,761	3,761	809

OATS
Total Supply, Production and June 1 Carry Over*, North Dakota, 1960-81



* July 1 prior to 1976.

POTATOES

HARVEST LOSSES, HILLS AND SEED

Harvest loss, number of hills per acre and weight by size groups are from the annual potato objective yield survey conducted in North Dakota. These data are presented here for information but are not considered official estimates. Objective yield sample plots were located in potato fields that were selected on a random basis. Field enumerators recorded counts and measurements just prior to and immediately after harvest.

The seed potato acres listed were eligible for final certification based on history, field inspections and certain other preliminary requirements of the North Dakota State Seed Department.

Certified Seed Potatoes 1/
North Dakota, 1977-81

Year	Acres Eligible
1977	40,299
1978	34,454
1979	25,301
1980	22,557
1981	25,380

1/ N.D. State Seed Dept.

POTATOES: Harvest Loss and Number of Hills per Acre, North Dakota, 1978-1981 1/

Year	REDS			WHITES			RUSSETS			ALL TYPES
	Harvest Loss per Acre	Number of Samples	Avg. Hills per Acre	Harvest Loss per Acre	Number of Samples	Avg. Hills per Acre	Harvest Loss per Acre	Number of Samples	Avg. Hills per Acre	Harvest Loss per Acre
	(Cwt.)	(No.)	(No.)	(Cwt.)	(No.)	(No.)	(Cwt.)	(No.)	(No.)	(Cwt.)
1978	25	36	10,538	28	81	9,581	2/	13	9,477	29
1979	30	43	10,031	44	99	10,148	59	23	9,769	42
1980	26	44	10,041	24	112	9,961	35	19	10,003	26
1981	24	34	9,294	28	122	9,751	42	12	9,085	28

1/ Harvest loss pertains to potatoes left in field at time of harvest. 2/ Insufficient sample size.

POTATOES: Production, Disposition, Price and Value, North Dakota, 1977-1980

Crop of	Production	Total Used for Seed 1/	Farm Disposition Used on Farms Where Grown		Sold 2/	Price per Hundredweight	Value of Production	
			For Seed, Feed and Household Use	Shrinkage and Loss			Production	Sales
	- - - - - - Thousand Hundredweight - - - - - -					-Dollars-	---Thousand Dollars---	
1977	22,400	1,987	672	3,024	18,704	2.70	60,480	50,501
1978	23,625	1,755	473	3,544	19,608	2.60	61,425	50,981
1979	18,240	1,710	320	2,500	15,420	3.25	59,280	50,115
1980 3/	15,680	1,711	400	1,250	14,030	6.85	107,408	96,106

1/ Includes seed purchased and seed used on farms where grown. 2/ Consists of potatoes sold for all purposes including food, seed, processing and livestock seed. 3/ Preliminary.

POTATOES: Acreage, Yield, Production and Stocks, North Dakota 1978-1981

Crop Year	Harvested Acres	Yield per Acre	Production	Stocks on Hand					
				December 1	January 1	February 1	March 1	April 1	May 1
	(000)	(Cwt.)	(000 Cwt.)	- - - - - - - - - - Thousand Hundredweight - - - - - - - - - -					
					REDS				
1978	47.1	163	7,678	6,502	5,632	4,588	3,601	2,120	1,120
1979	31.8	154	4,900	4,050	3,580	2,980	2,400	1,530	560
1980	30.2	130	3,940	3,125	2,314	1,560	1,242	600	77
1981 1/	28.8	164	4,730	3,625	3,175	2,450	1,628	1,104	437
					WHITES				
1978	71.3	182	12,994	8,290	7,182	5,941	5,171	3,060	1,470
1979	66.6	163	10,830	6,810	5,730	4,680	3,530	2,240	760
1980	70.6	141	9,960	6,185	5,251	3,770	2,254	960	280
1981 1/	77.0	178	13,685	9,280	7,500	5,880	4,588	2,484	703
					RUSSETS				
1978	16.6	178	2,953	2,408	2,086	1,771	1,428	920	610
1979	15.6	161	2,510	1,640	1,390	1,140	970	730	680
1980	11.2	159	1,780	1,390	1,335	1,170	1,104	840	493
1981 1/	9.2	186	1,710	1,595	1,525	1,470	1,184	1,012	760
					TOTAL				
1978	135.0	175	23,625	17,200	14,900	12,300	10,200	6,100	3,200
1979	114.0	160	18,240	12,500	10,700	8,800	6,900	4,500	2,000
1980	112.0	140	15,680	10,700	8,900	6,500	4,600	2,400	850
1981 1/	115.0	175	20,125	14,500	12,200	9,800	7,400	4,600	1,900

1/ Preliminary.

VARIETIES

SPRING WHEAT

Percent of Acreage Planted by Varieties, North Dakota, 1974-1975, 1978-1980

Variety	1974	1975	1978	1979	1980
	- - - Percent - - -				
Olaf	4.2	18.4	35.0	29.2	26.9
Butte	--	--	5.0	23.2	22.1
Waldron	52.0	49.6	28.3	22.7	18.5
Solar	--	--	--	2.0	7.4
Coteau	--	--	1/	1/	5.9
Other & Unknown	43.8	32.0	31.7	22.9	19.8
All Varieties	100.0	100.0	100.0	100.0	100.0

1/ Less than one percent included in other and unknown.

DURUM WHEAT

Percent of Acreage Planted by Varieties, North Dakota, 1974-1975, 1978-1980

Variety	1974	1975	1978	1979	1980
	- - - Percent - - -				
Ward	13.4	47.5	45.4	39.4	37.7
Rugby	1/	1/	13.2	17.3	18.7
Crosby	1/	1/	10.0	9.9	11.8
Cando	--	--	8.8	11.6	11.2
Rolette	36.9	26.0	8.8	6.5	6.2
Other & Unknown	49.7	25.5	13.8	15.3	14.4
All Varieties	100.0	100.0	100.0	100.0	100.0

1/ Less than one percent included in other and unknown.

BARLEY

Percent of Acreage Planted by Varieties, 1976-81

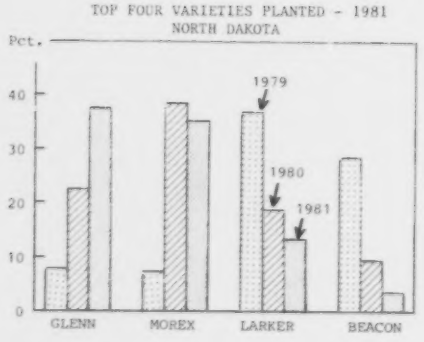
Variety	1976	1977	1978	1979	1980	1981 Pct.	1981 Acres Planted
	- - - - - Percent - - - - -						- 000 -
Glenn*	--	--	0.4	8.0	22.5	37.7	848.2
Morex*	--	--	0.3	7.6	38.2	35.2	792.0
Larker*	35.3	37.9	36.3	36.7	18.7	13.5	303.7
Beacon*	40.3	38.3	37.7	28.2	9.3	3.9	87.7
Bumper	--	--	--	--	--	1.6	36.0
Hector	--	--	0.5	0.4	0.6	1.5	33.7
Nordic	9.4	9.4	9.2	6.6	2.0	1.4	31.5
Park*	--	--	--	1.4	1.0	1.2	27.0
Bonanza*	5.1	6.7	5.5	2.7	0.6	0.9	20.3
Dickson*	4.5	2.7	3.1	2.1	1.3	0.7	15.8
Summit	--	--	--	0.2	0.5	0.3	6.8
Bedford	--	--	--	--	--	0.2	4.5
Manker*	2.0	2.8	2.9	2.9	0.6	0.2	4.5
Vanguard	0.9	0.6	0.6	0.6	0.2	0.2	4.5
Conquest*	0.4	0.3	0.1	--	0.1	0.1	2.3
Keystone	0.4	0.3	0.2	--	0.1	1/	--
Macon	--	--	--	--	0.5	1/	--
Molding	--	--	--	--	0.3	--	--
Kelsey	--	--	--	--	0.2	--	--
Klondike	--	--	0.9	0.2	0.1	--	--
Other & Unknown	1.7	1.0	2.3	2.4	3.2	1.4	31.5
All Varieties	100.0	100.0	100.0	100.0	100.0	100.0	2,250.0

1/ Less than 0.1 percent. *Recommended as acceptable malting varieties by the Malting Barley Improvement Association.

Glenn edged out Morex as the most popular barley variety planted in 1981. Accounting for 38 percent of the total acreage, Glenn increased rapidly in popularity the last two years after accounting for only 8 percent of the barley acreage in 1979. Morex was easily the second most popular variety seeded with 35 percent of the total.

Larker continued to slide in popularity but remained in third place in 1981 with 13.5 percent of the acreage. Beacon also lost in popularity in 1981 falling to 3.9 percent of the total acreage.

Bumper, Hector, and Nordic were the leading feed type varieties seeded but each with only between 1.4 and 1.6 percent of the total.



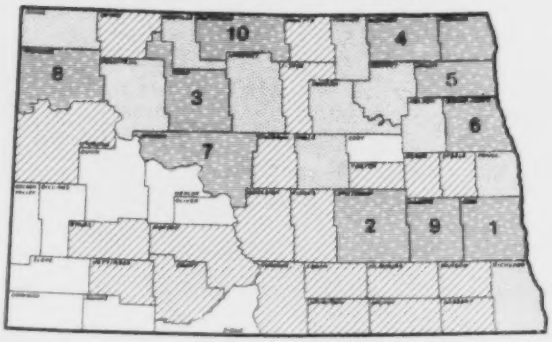
Percent of Acreage Planted by Crop Reporting Districts, North Dakota, 1981

Variety	North-west	North Cent.	North-east	West Cent.	Central	East Cent.	South-west	South Cent.	South-east	State
					- - - - - Percent - - - - -					
Glenn	4.9	18.2	50.8	11.1	35.2	48.7	3.8	11.5	24.0	37.7
Morex	23.9	42.6	26.8	11.8	35.7	44.7	12.6	--	52.5	35.2
Larker	65.3	33.1	3.0	41.0	20.2	2.1	14.4	37.2	12.5	13.5
Beacon	--	2.7	8.1	1.2	3.2	1.0	--	6.4	3.0	3.9
Bumper	--	.6	1.3	1.7	1.3	1.5	--	--	5.9	1.6
Hector	4.4	--	--	11.5	--	--	34.6	14.9	.1	1.5
Nordic	--	--	2.7	7.6	--	--	1.8	9.2	.8	1.4
Park	--	.1	3.6	--	--	.1	--	--	--	1.2
Other & Unknown	1.5	2.7	3.7	14.1	4.4	1.9	32.8	20.8	1.2	4.0
ALL VARIETIES	5.6	11.6	32.0	2.1	6.1	29.1	1.8	2.8	8.9	100.0

ALL WHEAT: Acreage, Yield and Production
by Counties, North Dakota, 1981 (Preliminary)

District and County	Acres Planted	Acres Harvested	Yield per Acre		Production
			Pltd.	Harv.	
	(Acres)	(Acres)	(Bu.)	(Bu.)	(Bu.)
Burke	205,500	203,400	24.1	24.4	4,958,600
Divide	261,000	259,800	27.1	27.2	7,067,200
Mountrail	298,000	294,500	26.5	26.8	7,901,500
Renville	232,000	229,700	28.9	29.2	6,703,900
Ward	441,500	439,100	30.3	30.5	13,398,300
Williams	385,000	374,500	27.6	28.4	10,626,000
Northwest	1,823,000	1,801,000	27.8	28.1	50,655,500
Benson	290,700	286,600	30.1	30.5	8,752,400
Bottineau	386,000	381,800	27.1	27.4	10,450,800
McHenry	246,000	241,800	29.0	29.5	7,132,200
Pierce	196,500	195,300	27.9	28.0	5,476,100
Rolette	155,800	153,500	29.9	30.3	4,657,500
North Central	1,275,000	1,259,000	28.6	29.0	36,469,000
Cavalier	416,000	413,900	30.9	31.0	12,846,300
Grand Forks	284,000	281,000	39.7	40.1	11,267,000
Nelson	249,000	247,000	34.8	35.0	8,656,000
Pembina	295,500	293,000	35.3	35.6	10,421,000
Ramsey	316,500	313,400	30.1	30.4	9,537,600
Towner	291,000	286,700	29.7	30.1	8,635,100
Walsh	342,000	338,000	36.1	36.5	12,345,000
Northeast	2,194,000	2,173,000	33.6	33.9	73,708,000
Dunn	143,000	136,800	18.6	19.4	2,654,000
McKenzie	203,000	196,500	22.2	22.9	4,508,000
McLean	413,000	404,500	26.4	26.9	10,891,000
Mercer	102,000	101,300	26.7	26.9	2,720,000
Oliver	61,000	59,900	23.4	23.8	1,427,000
West Central	922,000	899,000	24.1	24.7	22,200,000
Eddy	109,500	107,500	25.4	25.8	2,777,000
Foster	156,500	154,000	31.7	32.2	4,963,000
Kidder	131,000	128,900	24.5	24.9	3,209,000
Sheridan	165,500	163,900	28.2	28.5	4,663,000
Stutsman	446,500	442,300	30.3	30.5	13,510,000
Wells	285,500	282,400	29.8	30.2	8,520,000
Central	1,294,500	1,279,000	29.1	29.4	37,642,000
Barnes	343,000	339,900	30.9	31.2	10,605,000
Cass	404,000	399,900	34.2	34.6	13,832,500
Griggs	149,000	146,900	30.9	31.3	4,604,900
Steele	167,500	163,400	35.5	36.4	5,953,000
Traill	185,500	183,400	38.8	39.2	7,195,600
East Central	1,249,000	1,233,500	33.8	34.2	42,191,000
Adams	168,500	151,500	14.9	16.6	2,509,500
Billings	44,000	37,300	12.1	14.2	530,400
Bowman	142,000	123,000	13.3	15.4	1,890,000
Golden Valley	109,500	98,700	17.2	19.1	1,888,300
Hettinger	275,000	260,800	19.9	20.9	5,459,600
Slope	121,000	116,700	21.6	22.4	2,618,200
Stark	217,000	203,000	16.3	17.5	3,545,500
Southwest	1,077,000	991,000	17.1	18.6	18,441,500
Burleigh	209,500	203,400	22.1	22.8	4,633,400
Emmons	239,500	231,400	21.2	21.9	5,077,400
Grant	151,800	145,700	21.4	22.3	3,244,800
Morton	167,400	154,800	21.2	22.9	3,544,200
Sioux	55,300	52,700	15.3	16.0	845,200
South Central	823,500	788,000	21.1	22.0	17,345,000
Dickey	173,500	166,900	19.2	20.0	3,332,800
LaMoure	248,000	244,000	22.9	23.3	5,678,000
Logan	145,500	143,500	23.2	23.5	3,371,000
McIntosh	180,500	178,500	21.1	21.3	3,810,000
Ransom	137,000	135,400	27.3	27.6	3,733,700
Richland	249,500	247,500	34.8	35.1	8,681,500
Sargent	153,000	150,700	29.0	29.5	4,441,000
Southeast	1,287,000	1,266,500	25.7	26.1	33,048,000
STATE	11,945,000	11,690,000	27.8	28.4	331,700,000

ALL WHEAT, 1981 - Production by Counties
(Rank of First Ten Counties Shown)



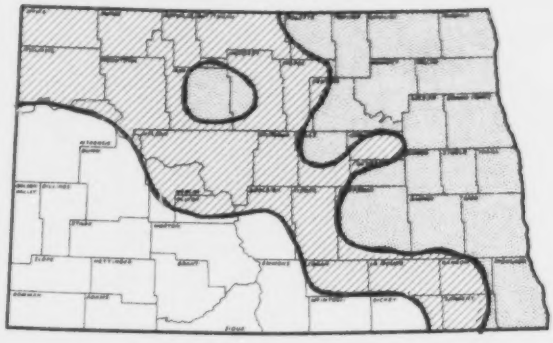
Under 3,000,000 bu.

6,000,000 - 9,999,999 bu.

3,000,000 - 5,999,999 bu.

10,000,000 bu. & over

ALL WHEAT, 1981 - Yield per Harvested Acre
(Bushels)

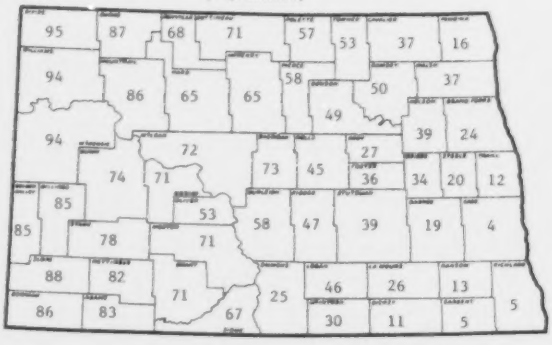


Under 23.0 bu.

30.0 bu. & over

23.0 - 29.9 bu.

ALL WHEAT - 1981
Percent Planted on Summer Fallow
(Percent)



ALL WHEAT: Acreage, Yield and Production by Counties,
North Dakota, 1980 (Revised) and 5-Year Average, 1976-80

District and County	1980					5-Year Average, 1976-80 1/				
	Acres Planted	Acres Harvested	Yield per Acre		Production	Acres Planted	Acres Harvested	Yield per Acre		Production
			Pltd.	Harv.				Pltd.	Harv.	
	(Acres)	(Acres)	(Bu.)	(Bu.)	(Bu.)	(Acres)	(Acres)	(Bu.)	(Bu.)	(Bu.)
Burke	210,200	197,100	19.8	21.1	4,153,100	188,900	183,900	23.8	24.4	4,469,300
Divide	266,200	253,500	21.2	22.2	5,631,500	248,000	241,400	25.2	25.9	6,219,200
Mountrail	292,500	268,000	18.2	19.9	5,331,000	273,500	264,100	23.1	23.8	6,281,700
Renville	196,600	179,700	18.4	20.1	3,611,400	189,600	184,600	24.8	25.3	4,662,700
Ward	406,500	354,600	16.3	18.7	6,644,800	399,500	383,700	25.0	25.9	9,995,900
Williams	369,000	331,600	14.4	16.0	5,297,200	350,600	339,200	22.8	23.4	7,942,600
Northwest	1,741,000	1,584,500	17.6	19.4	30,669,000	1,650,200	1,596,900	24.1	24.8	39,571,400
Benson	291,200	253,800	17.4	20.0	5,063,800	256,500	241,200	23.9	25.3	6,106,600
Bottineau	383,300	346,700	16.6	18.4	6,374,600	323,000	307,600	23.0	24.0	7,308,400
McHenry	266,800	226,200	13.8	16.3	3,677,000	239,500	221,900	20.3	21.7	4,813,400
Pierce	196,600	166,200	13.3	15.7	2,611,200	181,900	163,000	19.0	21.1	3,458,100
Rolette	150,100	133,100	17.9	20.2	2,693,400	132,600	128,000	26.0	26.8	3,408,600
North Central	1,288,000	1,126,000	15.9	18.1	20,420,000	1,133,500	1,061,700	22.3	23.7	25,095,000
Cavalier	420,000	385,000	22.9	25.0	9,624,000	337,300	324,000	30.4	31.5	10,115,000
Grand Forks	293,000	250,800	17.6	20.6	5,169,000	266,200	254,600	30.8	31.8	8,037,300
Nelson	241,100	222,100	15.2	16.5	3,665,500	208,000	200,200	24.2	25.0	4,912,500
Pembina	311,900	265,800	22.2	26.0	6,909,100	276,200	265,000	32.2	33.3	8,793,800
Ramsey	316,100	277,100	18.4	21.0	5,817,900	275,200	260,800	27.0	28.2	7,318,900
Towner	288,000	246,000	17.1	20.0	4,927,000	240,500	227,200	26.4	27.6	6,235,100
Walsh	355,900	277,700	16.5	21.2	5,882,500	298,900	280,900	29.4	30.6	8,533,300
Northeast	2,226,000	1,924,500	18.9	21.8	41,995,000	1,902,300	1,812,700	28.9	30.0	53,945,900
Dunn	144,500	72,600	5.1	10.2	738,600	135,400	116,400	19.5	21.4	2,612,300
McKenzie	205,000	117,000	6.2	10.8	1,262,200	182,400	158,900	20.6	22.3	3,671,200
McLean	424,500	366,900	14.0	16.2	5,947,700	397,600	371,200	22.9	24.3	9,027,800
Mercer	105,000	79,000	10.5	13.9	1,101,000	98,600	91,300	20.8	22.0	2,030,500
Oliver	61,000	42,000	8.7	12.6	528,000	56,400	49,700	20.3	22.1	1,139,800
West Central	940,000	677,500	10.2	14.1	9,577,500	870,400	787,600	21.5	23.1	18,481,600
Eddy	114,000	107,000	20.0	21.3	2,279,000	91,100	86,300	20.7	22.0	1,877,100
Foster	139,000	112,000	16.8	20.9	2,339,000	123,400	114,700	23.7	25.4	2,899,100
Kidder	120,000	74,000	6.5	10.6	781,000	121,200	102,400	13.6	15.5	1,643,800
Sheridan	167,000	132,000	12.3	15.6	2,058,000	156,000	140,900	19.1	20.7	2,959,200
Stutsman	435,000	345,000	13.4	16.9	5,835,000	398,800	370,000	23.0	24.5	9,016,400
Wells	315,500	260,450	17.8	21.5	5,604,300	280,100	255,500	23.6	25.7	6,552,300
Central	1,290,500	1,030,450	14.6	18.3	18,896,300	1,170,500	1,069,900	21.6	23.4	24,947,900
Barnes	338,500	305,000	15.6	17.4	5,294,000	300,500	287,300	25.6	26.7	7,537,300
Cass	429,500	416,000	24.9	25.7	10,697,900	388,700	381,500	31.4	31.9	12,015,100
Griggs	150,000	138,000	16.6	18.0	2,487,000	123,500	120,300	25.3	25.9	3,052,800
Steele	160,100	154,100	20.1	20.9	3,221,600	152,200	149,800	28.5	28.9	4,256,300
Traill	186,900	180,400	27.9	28.9	5,209,000	180,100	175,900	33.4	34.2	5,994,400
East Central	1 265,000	1,193,500	21.3	22.5	26,909,500	1,145,000	1,114,700	29.2	29.9	32,855,900
Adams	145,000	77,200	5.0	9.3	719,200	136,700	117,000	16.5	18.3	2,228,900
Billings	39,000	15,500	3.9	9.7	151,000	38,300	32,000	19.1	21.2	717,900
Bowman	132,000	87,000	7.1	10.8	937,850	131,900	117,300	17.9	19.5	2,360,400
Golden Valley	97,000	49,000	5.0	9.8	482,000	85,500	72,500	21.2	23.3	1,747,400
Hettinger	254,000	165,000	6.6	10.2	1,679,000	239,900	214,900	20.4	21.8	4,836,500
Slope	108,000	58,800	6.2	11.3	665,000	106,300	93,500	19.2	20.8	2,031,900
Stark	204,000	139,000	8.3	12.2	1,695,000	187,000	165,400	19.9	21.7	3,672,500
Southwest	979,000	591,500	6.5	10.7	6,329,050	925,500	812,600	19.2	20.9	17,595,400
Burleigh	213,500	100,150	5.2	11.1	1,108,300	192,100	152,100	14.0	16.5	2,632,500
Emmons	210,500	95,500	4.0	8.8	839,550	215,900	180,900	12.2	13.9	2,631,100
Grant	140,800	94,200	7.5	11.2	1,054,400	139,100	123,300	17.0	18.7	2,368,700
Morton	154,400	79,100	6.7	13.1	1,037,600	150,700	124,400	18.0	20.9	2,697,100
Sioux	44,300	32,100	6.2	8.5	273,300	45,900	42,000	14.2	15.2	654,000
South Central	763,500	401,050	5.6	10.8	4,313,650	743,700	622,700	14.9	17.0	10,983,400
Dickey	168,000	157,000	15.4	16.5	2,593,000	156,800	152,200	20.8	21.3	3,122,500
LaMoure	247,100	225,100	16.3	17.9	4,034,800	228,000	214,100	22.4	23.5	5,040,100
Logan	140,100	103,000	8.1	11.1	1,139,000	136,900	127,300	16.0	16.9	2,180,700
McIntosh	160,200	111,100	5.4	7.8	868,800	149,100	137,300	14.9	15.6	2,154,100
Ransom	132,000	126,600	15.9	16.6	2,097,000	109,700	106,000	24.1	25.1	2,530,500
Richland	243,500	222,200	25.7	28.1	6,252,400	214,200	207,700	27.6	28.4	5,766,500
Sargent	151,100	146,000	23.5	24.3	3,555,000	121,100	119,300	24.1	24.4	2,866,300
Southeast	1,242,000	1,091,000	16.5	18.8	20,540,000	1,115,900	1,063,900	21.7	22.6	23,660,800
STATE	11,735,000	9,620,000	15.3	18.7	179,650,000	10,657,000	9,942,800	23.5	24.9	247,137,400

1/ Totals may not add due to rounding.

ALL WHEAT: Acreage, Yield and Production for Summer Fallow and Continuous Cropping by Counties, North Dakota, 1981 (Preliminary) 1/

District and County	Summer Fallow					Continuous Cropping				
	Acres Planted	Acres Harvested	Yield per Acre		Production	Acres Planted	Acres Harvested	Yield per Acre		Production
			Pltd.	Harv.				Pltd.	Harv.	
	(Acres)	(Acres)	(Bu.)	(Bu.)	(Bu.)	(Acres)	(Acres)	(Bu.)	(Bu.)	(Bu.)
Burke	178,400	176,300	24.5	24.8	4,373,000	27,100	27,100	21.6	21.6	585,600
Divide	246,800	245,700	27.1	27.2	6,693,300	12,200	12,100	21.8	22.0	265,900
Mountrail	256,000	253,700	26.6	26.8	6,811,400	42,000	40,800	26.0	26.7	1,090,100
Renville	157,500	156,300	29.3	29.5	4,618,300	74,500	73,400	28.0	28.4	2,085,600
Ward	286,000	284,800	30.9	31.1	8,850,000	155,100	153,900	29.2	29.4	4,530,300
Williams	361,500	351,200	27.6	28.4	9,967,600	20,000	19,800	24.3	24.6	486,400
Northwest	1,486,200	1,468,000	27.8	28.1	41,313,600	330,900	327,100	27.3	27.6	9,043,900
Benson	142,100	141,000	29.6	29.8	4,206,000	148,100	145,100	30.6	31.2	4,527,900
Bottineau	274,900	272,300	28.3	28.6	7,785,800	111,100	109,500	24.0	24.3	2,665,000
McHenry	159,700	157,100	29.6	30.1	4,730,000	86,100	84,500	27.8	28.3	2,394,200
Pierce	114,300	113,700	29.4	29.6	3,364,200	82,100	81,500	25.7	25.9	2,107,900
Rolette	88,400	87,300	30.7	31.1	2,716,100	67,400	66,200	28.8	29.3	1,941,400
North Central	779,400	771,400	29.3	29.6	22,802,100	494,800	486,800	27.6	28.0	13,636,400
Cavalier	154,300	153,800	31.7	31.8	4,895,300	261,700	260,100	30.4	30.6	7,951,000
Grand Forks	68,800	67,800	41.3	41.9	2,840,200	215,000	213,000	39.1	39.5	8,416,800
Nelson	98,100	97,100	35.1	35.4	3,439,000	150,700	149,700	34.6	34.8	5,209,000
Pembina	47,000	46,600	37.2	37.5	1,747,000	248,500	246,400	34.9	35.2	8,674,000
Ramsey	157,400	155,900	29.9	30.2	4,709,600	159,100	157,500	30.3	30.7	4,828,000
Towner	155,200	152,200	30.1	30.7	4,667,000	135,800	134,500	29.2	29.5	3,968,100
Walsh	126,800	125,800	34.3	34.6	4,351,000	215,200	212,200	37.1	37.7	7,994,000
Northeast	807,600	799,200	33.0	33.3	26,649,100	1,386,000	1,373,400	33.9	34.3	47,040,900
Dunn	105,800	101,200	19.7	20.6	2,088,000	37,100	35,500	15.1	15.8	562,000
McKenzie	190,500	184,200	21.6	22.3	4,113,300	8,200	8,000	19.3	19.8	158,200
McLean	297,500	291,800	27.4	27.9	8,142,500	113,900	111,100	23.5	24.1	2,676,500
Mercer	72,500	72,000	27.0	27.2	1,957,000	29,200	29,000	25.7	25.9	751,000
Oliver	32,500	31,900	24.9	25.4	809,000	28,400	27,900	21.6	22.0	614,000
West Central	698,800	681,100	24.5	25.1	17,109,800	216,800	211,500	22.0	22.5	4,761,700
Eddy	30,000	29,200	30.2	31.0	904,600	79,300	78,100	23.5	23.9	1,866,400
Foster	55,700	55,100	33.3	33.6	1,853,400	99,700	97,800	30.8	31.4	3,071,100
Kidder	61,100	60,200	26.4	26.7	1,610,100	69,600	68,400	22.8	23.2	1,588,200
Sheridan	121,300	120,400	29.3	29.5	3,550,100	44,200	43,500	25.2	25.6	1,112,900
Stutsman	175,000	173,900	32.9	33.1	5,753,600	271,300	268,200	28.6	28.9	7,749,400
Wells	129,300	127,800	31.9	32.2	4,121,300	156,200	154,600	28.2	28.5	4,398,700
Central	572,400	566,600	31.1	31.4	17,793,100	720,300	710,600	27.5	27.8	19,786,900
Barnes	66,400	65,400	33.1	33.6	2,195,600	276,500	274,400	30.4	30.6	8,404,900
Cass	17,700	16,700	34.9	37.0	617,500	385,000	381,900	34.2	34.4	13,151,500
Griggs	51,000	50,400	35.1	35.5	1,790,300	97,500	96,000	28.7	29.1	2,795,100
Steele	33,300	33,000	37.0	37.3	1,230,600	134,000	130,200	35.2	36.2	4,712,400
Traill	22,300	22,300	37.4	37.4	834,900	163,200	161,100	39.0	39.5	6,360,700
East Central	190,700	187,800	35.0	35.5	6,668,900	1,056,200	1,043,600	33.5	33.9	35,424,600
Adams	139,300	126,400	16.3	18.0	2,273,500	29,200	25,100	8.1	9.4	236,000
Billings	37,300	31,800	12.7	14.9	472,700	6,700	5,500	8.6	10.5	57,700
Bowman	122,500	109,000	14.3	16.0	1,748,500	19,500	14,000	7.3	10.1	141,500
Golden Valley	93,500	84,900	17.7	19.5	1,651,500	16,000	13,800	14.8	17.2	236,800
Hettinger	224,500	212,900	21.1	22.2	4,726,600	50,500	47,900	14.5	15.3	733,000
Slope	106,400	103,200	22.7	23.4	2,411,800	14,600	13,500	14.1	15.3	206,400
Stark	169,500	158,700	17.5	18.7	2,967,000	47,500	44,300	12.2	13.1	578,500
Southwest	893,000	826,900	18.2	19.7	16,251,600	184,000	164,100	11.9	13.3	2,189,900
Burleigh	121,300	117,800	24.6	25.4	2,987,900	87,500	84,900	18.5	19.1	1,621,000
Emmons	59,300	57,700	25.2	25.8	1,491,400	180,000	173,500	19.9	20.6	3,580,000
Grant	107,200	106,200	24.3	24.5	2,599,800	44,500	39,400	14.4	16.3	642,000
Morton	118,300	109,900	23.1	24.9	2,732,000	49,100	44,900	16.5	18.1	812,200
Sioux	37,300	36,200	17.1	17.6	638,200	18,000	16,500	11.5	12.5	207,000
South Central	443,400	427,800	23.6	24.4	10,449,300	379,100	359,200	18.1	19.1	6,862,200
Dickey	19,500	19,200	27.9	28.3	543,100	153,400	147,100	18.0	18.8	2,764,700
LaMoure	65,000	64,400	28.9	29.2	1,880,600	182,400	179,000	20.7	21.1	3,776,400
Logan	66,300	65,300	26.6	27.0	1,761,600	79,200	78,200	20.3	20.6	1,609,400
McIntosh	53,400	52,900	23.8	24.0	1,271,400	127,100	125,600	20.0	20.2	2,538,600
Ransom	17,900	17,400	32.9	33.9	589,500	118,000	116,900	26.2	26.5	3,095,200
Richland	12,100	12,100	32.5	32.5	393,500	237,400	235,400	34.9	35.2	8,288,000
Sargent	8,100	8,100	36.6	36.6	296,500	144,500	142,200	28.6	29.0	4,128,500
Southeast	242,300	239,400	27.8	28.1	6,736,200	1,042,000	1,024,400	25.1	25.6	26,200,800
STATE	6,113,800	5,968,200	27.1	27.8	165,773,700	5,810,100	5,700,700	28.4	28.9	164,947,300

1/ See page 3 for irrigated acres.

ALL WHEAT: Acreage, Yield and Production for Summer Fallow and Continuous Cropping by Counties, North Dakota, 1980 (Revised) 1/

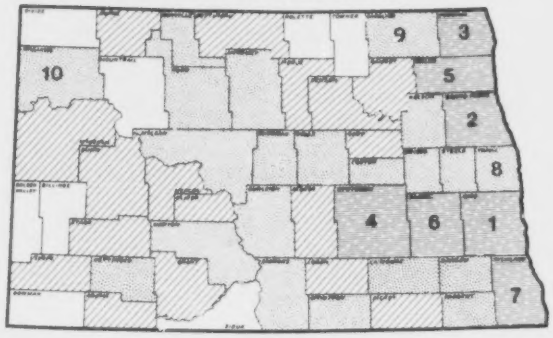
District and County	Summer Fallow					Continuous Cropping				
	Acres Planted	Acres Harvested	Yield per Acre		Production	Acres Planted	Acres Harvested	Yield per Acre		Production
			Pltd.	Harv.				Pltd.	Harv.	
	(Acres)	(Acres)	(Bu.)	(Bu.)	(Bu.)	(Acres)	(Acres)	(Bu.)	(Bu.)	(Bu.)
Burke	183,800	179,100	21.6	22.2	3 ,100	26,400	18,000	6.8	10.0	180,000
Divide	233,900	226,200	22.6	23.3	5,276,000	31,600	26,600	10.4	12.3	327,500
Mountrail	262,700	245,000	19.3	20.7	5,073,000	29,800	23,000	8.7	11.2	258,000
Renville	136,100	131,400	22.2	23.0	3,023,400	60,500	48,300	9.7	12.2	588,000
Ward	239,400	232,300	22.2	22.8	5,302,800	166,600	121,800	8.0	10.9	1,327,500
Williams	349,800	321,000	14.7	16.0	5,127,700	16,100	7,500	2.8	6.0	45,000
Northwest	1,405,700	1,335,000	19.8	20.8	27,776,000	331,000	245,200	8.2	11.1	2,726,000
Benson	181,000	167,000	20.7	22.4	3,746,000	109,200	85,800	11.7	14.9	1,279,800
Bottineau	238,200	225,600	20.6	21.8	4,910,600	145,100	121,100	10.1	12.1	1,464,000
McHenry	164,600	147,800	16.9	18.8	2,782,800	101,800	78,000	8.7	11.3	883,800
Pierce	120,900	112,100	15.9	17.2	1,924,200	75,700	54,100	9.1	12.7	687,000
Rolette	95,600	91,700	21.8	22.7	2,080,400	54,500	41,400	11.2	14.8	613,000
North Central	800,300	744,200	19.3	20.8	15,444,000	486,300	380,400	10.1	13.0	4,927,600
Cavalier	180,000	173,000	28.5	29.6	5,126,000	240,000	212,000	18.7	21.2	4,498,000
Grand Forks	95,400	90,500	27.0	28.5	2,580,500	197,300	160,000	13.0	16.1	2,573,500
Nelson	106,500	104,100	20.7	21.2	2,206,500	134,600	118,000	10.8	12.4	1,459,000
Pembina	65,400	55,300	27.3	32.3	1,788,100	246,300	210,300	20.8	24.3	5,111,000
Ramsey	143,600	130,600	23.3	25.6	3,348,900	172,500	146,500	14.3	16.9	2,469,000
Towner	139,500	134,000	23.9	24.9	3,336,000	148,500	112,000	10.7	14.2	1,591,000
Walsh	114,900	105,200	22.9	25.0	2,629,000	241,000	172,500	13.5	18.9	3,253,500
Northeast	845,300	792,700	24.9	26.5	21,015,000	1,380,200	1,131,300	15.2	18.5	20,955,000
Dunn	111,000	66,600	6.3	10.5	699,100	33,500	6,000	1.2	6.6	39,500
McKenzie	185,400	108,100	5.7	9.8	1,054,600	15,600	5,200	2.6	7.9	41,100
McLean	309,100	289,800	17.1	18.2	5,285,800	113,100	74,900	5.2	7.9	591,800
Mercer	70,500	60,400	13.2	15.5	934,000	34,300	18,500	4.8	8.9	164,500
Oliver	40,800	29,800	10.6	14.5	431,600	20,200	12,200	4.8	7.9	96,400
West Central	716,800	554,700	11.7	15.2	8,405,100	216,700	116,800	4.3	8.0	933,300
Eddy	35,300	33,900	27.1	28.2	957,400	78,700	73,100	16.8	18.1	1,321,600
Foster	66,400	58,000	23.9	27.3	1,585,600	71,400	53,200	10.4	13.9	740,200
Kidder	45,200	35,100	11.0	14.2	499,100	74,300	38,400	3.5	6.9	263,600
Sheridan	105,800	96,600	16.3	17.9	1,729,000	61,200	35,400	5.4	9.3	329,000
Stutsman	198,000	162,000	17.1	20.9	3,382,000	236,800	183,000	10.4	13.4	2,453,000
Wells	148,300	131,300	22.2	25.1	3,296,100	167,200	129,150	13.8	17.9	2,308,200
Central	599,000	516,900	19.1	22.1	11,449,200	689,600	512,250	10.8	14.5	7,415,600
Barnes	92,000	82,800	23.0	25.5	2,112,800	245,800	221,700	12.9	14.3	3,167,200
Cass	29,100	28,200	35.8	37.0	1,043,100	399,300	386,900	24.1	24.8	9,611,600
Griggs	56,300	54,600	24.3	25.0	1,367,300	92,800	82,500	11.7	13.2	1,088,500
Steele	44,500	44,000	30.1	30.4	1,338,600	115,600	110,100	16.3	17.1	1,883,000
Traill	32,600	30,100	34.1	37.0	1,113,000	154,000	150,000	26.5	27.2	4,081,000
East Central	254,500	239,700	27.4	29.1	6,974,800	1,007,500	951,200	19.7	20.8	19,831,300
Adams	116,200	65,400	5.6	10.0	654,200	28,800	11,800	2.3	5.5	65,000
Billings	34,700	14,300	4.2	10.1	144,400	4,300	1,200	1.5	5.5	6,600
Bowman	114,400	82,800	8.0	11.0	911,850	17,600	4,200	1.5	6.2	26,000
Golden Valley	81,200	44,400	5.7	10.4	460,000	15,800	4,600	1.4	4.8	22,000
Hettinger	204,200	153,500	7.8	10.4	1,598,000	49,800	11,500	1.6	7.0	81,000
Slope	99,000	55,800	6.5	11.5	640,000	9,000	3,000	2.8	8.3	25,000
Stark	158,700	126,500	10.2	12.8	1,618,000	45,300	12,500	1.7	6.2	77,000
Southwest	808,400	542,700	7.5	11.1	6,026,450	170,600	48,800	1.8	6.2	302,600
Burleigh	78,300	56,550	10.5	14.6	823,800	134,800	43,200	2.0	6.3	271,000
Emmons	83,200	53,400	7.1	11.1	592,550	127,300	42,100	1.9	5.9	247,000
Grant	110,400	83,700	8.9	11.8	984,900	30,300	10,400	2.2	6.4	66,500
Morton	95,300	64,300	9.6	14.2	913,100	59,000	14,700	2.1	8.3	121,500
Sioux	21,700	17,200	8.8	11.1	190,500	22,400	14,700	3.4	5.2	76,800
South Central	388,900	275,150	9.0	12.7	3,504,850	373,800	125,100	2.1	6.3	782,800
Dickey	21,200	20,500	21.1	21.8	446,500	146,100	135,800	14.5	15.6	2,114,000
LaMoure	68,100	64,100	21.8	23.2	1,485,400	178,500	160,500	14.2	15.8	2,533,000
Logan	52,300	50,000	15.7	16.5	823,000	87,800	53,000	3.6	6.0	316,000
McIntosh	56,700	47,800	9.5	11.2	536,800	103,500	63,300	3.2	5.2	332,000
Ransom	15,900	14,100	27.8	31.3	442,000	116,000	112,400	14.3	14.7	1,653,000
Richland	22,700	16,600	25.0	34.2	567,200	220,800	205,600	25.7	27.7	5,685,200
Sargent	19,400	18,800	29.7	30.6	575,500	131,700	127,200	22.6	23.4	2,979,500
Southeast	256,300	231,900	19.0	21.0	4,876,400	984,400	857,800	15.9	18.2	15,612,700
STATE	6,075,200	5,232,950	17.4	20.2	105,471,800	4 0,100	4,368,850	13.0	16.8	73,486,900

1/ See page 39 for irrigated acres.

SPRING WHEAT OTHER THAN DURUM
Acreage, Yield and Production by Counties,
North Dakota, 1981 (Preliminary)

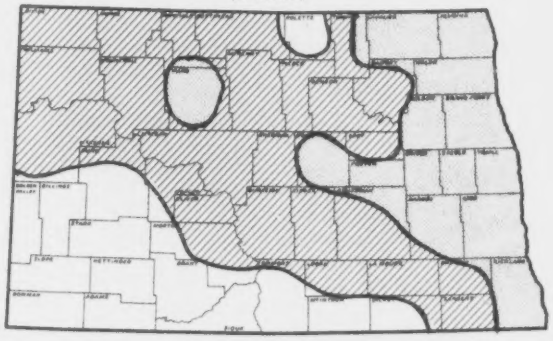
District and County	Acres Planted	Acres Harvested	Yield per Acre		Production
			Pltd.	Harv.	
	(Acres)	(Acres)	(Bu.)	(Bu.)	(Bu.)
Burke	95,000	94,000	25.7	26.0	2,444,000
Divide	40,000	40,000	23.0	23.0	920,000
Mountrail	35,000	35,000	26.0	26.0	910,000
Renville	120,000	119,000	28.8	29.0	3,451,000
Ward	130,000	129,000	32.7	33.0	4,257,000
Williams	200,000	193,000	27.0	28.0	5,403,000
Northwest	620,000	610,000	28.0	28.5	17,385,000
Benson	50,000	49,000	25.4	26.0	1,272,000
Bottineau	105,000	104,000	26.7	27.0	2,805,000
McHenry	170,000	167,000	27.5	28.0	4,671,000
Pierce	90,000	90,000	27.0	27.0	2,427,000
Rolette	15,000	15,000	20.0	20.0	300,000
North Central	430,000	425,000	26.7	27.0	11,475,000
Cavalier	185,000	184,000	30.8	31.0	5,704,000
Grand Forks	250,000	247,000	39.5	40.0	9,874,000
Nelson	105,000	104,000	36.2	36.5	3,796,000
Pembina	270,000	269,000	35.4	35.5	9,549,000
Ramsey	75,000	74,000	28.1	28.5	2,109,000
Towner	20,000	20,000	31.0	31.0	620,000
Walsh	235,000	232,000	38.5	39.0	9,048,000
Northeast	1,140,000	1,130,000	35.7	36.0	40,700,000
Dunn	135,000	130,000	18.3	19.0	2,471,000
McKenzie	130,000	127,000	23.0	23.5	2,984,000
McLean	130,000	129,000	27.8	28.0	3,612,000
Mercer	90,000	89,500	26.4	26.5	2,372,000
Oliver	55,000	54,500	23.3	23.5	1,281,000
West Central	540,000	530,000	23.6	24.0	12,720,000
Eddy	70,000	69,500	24.8	25.0	1,735,000
Foster	110,000	109,000	31.7	32.0	3,483,000
Kidder	90,000	89,500	24.3	24.5	2,190,000
Sheridan	135,000	134,000	29.2	29.5	3,947,000
Stutsman	320,000	319,000	29.4	29.5	9,397,000
Wells	165,000	164,000	29.8	30.0	4,913,000
Central	890,000	885,000	28.8	29.0	25,665,000
Barnes	270,000	268,000	30.8	31.0	8,308,000
Cass	325,000	322,000	33.7	34.0	10,961,000
Griggs	110,000	109,000	30.7	31.0	3,379,000
Steele	140,000	137,000	35.7	36.5	5,000,000
Traill	155,000	154,000	38.8	39.0	6,012,000
East Central	1,000,000	990,000	33.7	34.0	33,660,000
Adams	135,000	124,000	14.7	16.0	1,984,000
Billings	40,000	34,000	11.9	14.0	476,000
Bowman	77,000	66,000	11.6	13.5	891,000
Golden Valley	47,000	41,000	14.8	17.0	697,000
Hettinger	230,000	217,000	19.8	21.0	4,557,000
Slope	86,000	83,000	20.3	21.0	1,742,000
Stark	185,000	175,000	16.1	17.0	2,973,000
Southwest	800,000	740,000	16.7	18.0	13,320,000
Burleigh	185,000	180,000	22.4	23.0	4,140,000
Emmons	210,000	203,000	20.8	21.5	4,365,000
Grant	135,000	130,000	21.2	22.0	2,860,000
Morton	160,000	148,000	21.3	23.0	3,410,000
Sioux	40,000	39,000	15.6	16.0	625,000
South Central	730,000	700,000	21.1	22.0	15,400,000
Dickey	130,000	126,000	18.4	19.0	2,394,000
LaMoure	175,000	174,000	22.9	23.0	4,002,000
Logan	120,000	119,000	22.8	23.0	2,737,000
McIntosh	160,000	159,000	20.9	21.0	3,344,000
Ransom	125,000	124,000	27.8	28.0	3,472,000
Richland	220,000	219,000	34.9	35.0	7,675,000
Sargent	120,000	119,000	28.8	29.0	3,451,000
Southeast	1,050,000	1,040,000	25.8	26.0	27,075,000
STATE	7,200,000	7,050,000	27.4	28.0	197,400,000

SPRING WHEAT OTHER THAN DURUM - 1981
Production by Counties
(Rank of First Ten Counties Shown)



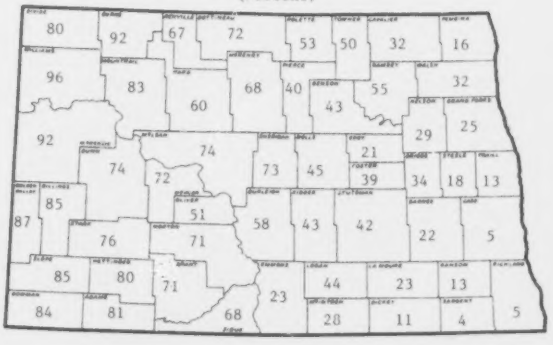
Under 1,000,000 bu.
3,000,000 - 6,999,999 bu.
1,000,000 - 2,999,999 bu.
7,000,000 bu. & over

SPRING WHEAT OTHER THAN DURUM - 1981
Yield per Harvested Acre
(Bushels)



Under 23.0 bu.
30.0 bu. & over
23.0 - 29.9 bu.

SPRING WHEAT OTHER THAN DURUM - 1981
Percent Planted on Summer Fallow
(Percent)



SPRING WHEAT OTHER THAN DURUM: Acreage, Yield and Production by Counties,
North Dakota, 1980 (Revised) and 5-Year Average, 1976-80

District and County	1980					5-Year Average, 1976-80 1/				
	Acres Planted	Acres Harvested	Yield per Acre		Production	Acres Planted	Acres Harvested	Yield per Acre		Production
			Pltd.	Harv.				Pltd.	Harv.	
	(Acres)	(Acres)	(Bu.)	(Bu.)	(Bu.)	(Acres)	(Acres)	(Bu.)	(Bu.)	(Bu.)
Burke	100,000	97,000	21.1	21.7	2,109,000	110,700	108,800	24.2	24.6	2,683,900
Divide	35,000	33,000	16.3	17.3	571,000	60,500	59,400	23.3	23.8	1,443,500
Mountrail	40,000	37,000	15.5	16.8	621,000	55,900	54,300	21.6	22.2	1,214,000
Renville	100,000	94,000	20.0	21.2	1,997,000	100,700	98,600	25.3	25.8	2,551,000
Ward	115,000	94,000	16.2	19.8	1,858,000	148,000	142,600	25.6	26.5	3,839,800
Williams	210,000	185,000	13.5	15.3	2,834,000	218,200	211,500	21.9	22.5	4,779,200
Northwest	600,000	540,000	16.7	18.5	9,990,000	694,100	675,100	23.7	24.3	16,511,400
Benson	50,000	43,000	14.5	16.8	724,000	60,000	54,700	20.9	23.3	1,272,500
Bottineau	95,000	79,000	14.8	17.8	1,408,000	103,000	98,500	23.3	24.2	2,395,700
McHenry	190,000	160,000	13.8	16.3	2,614,000	170,800	158,000	19.8	21.2	3,349,200
Pierce	100,000	85,000	13.1	15.4	1,305,000	89,300	77,200	17.6	20.2	1,543,700
Rolette	15,000	13,000	14.6	16.8	219,000	21,200	20,600	25.8	26.5	573,600
North Central	450,000	380,000	13.9	16.5	6,270,000	444,300	409,000	20.6	22.4	9,134,700
Cavalier	210,000	195,000	23.2	25.0	4,875,000	177,900	171,400	31.4	32.5	5,531,900
Grand Forks	260,000	220,000	17.8	21.0	4,620,000	246,100	235,500	31.2	32.3	7,582,400
Nelson	76,000	67,000	14.6	16.5	1,106,000	67,500	65,000	25.9	26.7	1,708,800
Pembina	290,000	250,000	22.4	26.0	6,501,000	264,400	254,800	32.3	33.3	8,470,500
Ramsey	76,000	67,000	18.5	21.0	1,407,000	70,200	67,000	27.4	28.4	1,897,500
Towner	18,000	16,000	18.2	20.5	328,000	22,600	21,700	30.9	32.1	718,300
Walsh	240,000	185,000	17.3	22.5	4,163,000	223,000	210,400	30.3	31.5	6,664,300
Northeast	1,170,000	1,000,000	19.7	23.0	23,000,000	1,071,700	1,025,700	30.8	31.8	32,573,800
Dunn	140,000	70,000	5.1	10.2	713,000	131,800	113,600	19.6	21.3	2,547,200
McKenzie	125,000	63,000	5.1	10.2	642,000	112,000	96,700	20.2	21.9	2,292,500
McLean	180,000	145,000	11.3	14.1	2,039,000	198,500	183,800	21.4	22.8	4,289,200
Mercer	95,000	71,000	10.1	13.6	964,000	94,600	87,700	20.7	21.9	1,956,600
Oliver	60,000	41,000	8.6	12.6	517,000	55,300	48,800	20.3	22.1	1,119,100
West Central	600,000	390,000	8.1	12.5	4,875,000	592,200	530,500	20.5	22.2	12,114,900
Eddy	75,000	70,000	19.2	20.6	1,442,000	60,300	57,200	19.9	21.2	1,190,800
Foster	105,000	81,000	16.7	21.6	1,749,000	95,900	89,600	23.9	25.5	2,265,600
Kidder	85,000	49,000	5.1	8.8	433,000	92,100	76,600	12.9	15.0	1,204,800
Sheridan	140,000	110,000	12.0	15.2	1,673,000	136,800	123,700	19.1	20.6	2,578,200
Stutsman	285,000	220,000	13.3	17.2	3,778,000	275,400	254,900	23.0	24.4	6,195,600
Wells	170,000	150,000	18.6	21.1	3,165,000	183,000	170,200	24.0	25.8	4,363,700
Central	860,000	680,000	14.2	18.0	12,240,000	843,300	771,800	21.4	23.1	17,798,700
Barnes	280,000	250,000	16.2	18.1	4,531,000	255,400	244,900	26.0	26.9	6,527,400
Cass	360,000	350,000	25.5	26.2	9,163,000	346,400	340,900	31.7	32.1	10,807,400
Griggs	125,000	115,000	16.2	17.6	2,027,000	106,600	103,900	25.6	26.0	2,673,700
Steele	145,000	140,000	20.4	21.2	2,961,000	138,600	136,500	28.6	29.0	3,906,000
Traill	170,000	165,000	28.3	29.2	4,818,000	169,300	165,600	33.5	34.3	5,665,900
East Central	1,080,000	1,020,000	21.8	23.0	23,500,000	1,016,400	991,900	29.5	30.1	29,580,300
Adams	97,000	46,000	3.8	8.1	372,000	102,100	88,100	16.5	18.0	1,691,200
Billings	33,000	13,000	3.8	9.6	125,000	34,200	29,200	19.3	21.1	655,800
Bowman	69,000	42,000	6.5	10.6	446,000	88,100	80,100	17.8	19.2	1,608,600
Golden Valley	42,000	20,000	3.6	7.6	152,000	42,900	37,000	18.9	20.6	801,500
Hettinger	215,000	140,000	6.6	10.1	1,418,000	212,700	191,500	20.0	21.4	4,253,800
Slope	89,000	49,000	6.1	11.1	545,000	87,200	77,100	18.9	20.3	1,623,600
Stark	175,000	120,000	8.3	12.1	1,457,000	166,700	149,300	20.1	21.7	3,315,700
Southwest	720,000	430,000	6.3	10.5	4,515,000	734,000	652,300	19.0	20.6	13,950,300
Burleigh	190,000	87,000	5.2	11.3	987,000	175,600	139,200	14.1	16.5	2,416,700
Emmons	190,000	86,000	4.0	8.9	764,000	195,100	163,800	12.1	13.8	2,357,200
Grant	130,000	87,000	7.6	11.4	988,000	128,300	114,300	16.9	18.5	2,163,300
Morton	145,000	75,000	6.9	13.3	999,000	142,000	118,400	18.3	21.0	2,585,100
Sioux	35,000	25,000	6.3	8.9	222,000	40,400	37,200	14.6	15.5	597,500
South Central	690,000	360,000	5.7	11.0	3,960,000	681,400	573,000	14.9	17.1	10,119,800
Dickey	135,000	125,000	15.3	16.5	2,064,000	134,500	130,500	20.8	21.4	2,698,100
LaMoure	180,000	165,000	17.4	19.0	3,137,000	173,300	162,200	22.6	24.0	3,865,500
Logan	120,000	90,000	7.9	10.5	945,000	124,200	116,300	15.8	16.6	1,969,200
McIntosh	140,000	95,000	5.1	7.5	713,000	132,200	121,400	14.6	15.3	1,890,200
Ransom	115,000	110,000	15.3	16.0	1,761,000	98,900	95,900	24.2	25.0	2,306,700
Richland	220,000	200,000	25.5	28.0	5,603,000	199,900	194,100	27.7	28.4	5,399,900
Sargent	120,000	115,000	24.0	25.0	2,877,000	95,700	94,300	24.4	24.7	2,323,700
Southeast	1,030,000	900,000	16.6	19.0	17,100,000	958,600	914,700	21.8	22.6	20,453,200
STATE	7,200,000	5,700,000	14.6	18.5	105,450,000	7,036,000	6,544,000	23.2	24.7	162,237,000

1/ Totals may not add due to rounding.

SPRING WHEAT OTHER THAN DURUM: Acreage, Yield and Production for Summer Fallow and Continuous Cropping by Counties, North Dakota, 1981 1/

District and County	Summer Fallow					Continuous Cropping				
	Acres Planted	Acres Harvested	Yield per Acre		Production	Acres Planted	Acres Harvested	Yield per Acre		Production
			Pltd.	Harv.				Pltd.	Harv.	
	(Acres)	(Acres)	(Bu.)	(Bu.)	(Bu.)	(Acres)	(Acres)	(Bu.)	(Bu.)	(Bu.)
Burke	87,000	86,000	26.1	26.5	2,275,000	8,000	8,000	21.1	21.1	169,000
Divide	32,000	32,000	22.2	22.2	709,000	6,800	6,800	22.2	22.2	151,000
Mountrail	29,000	29,000	25.7	25.7	744,000	6,000	6,000	27.7	27.7	166,000
Renville	80,000	79,500	28.9	29.1	2,311,000	40,000	39,500	28.5	28.9	1,140,000
Ward	78,000	77,000	33.3	33.7	2,595,000	51,800	51,800	31.9	31.9	1,654,000
Williams	191,000	184,000	27.1	28.2	5,182,000	8,700	8,700	24.0	24.0	209,000
Northwest	497,000	487,500	27.8	28.3	13,816,000	121,300	120,800	28.8	28.9	3,489,000
Benson	21,500	21,500	27.8	27.8	598,500	28,200	27,200	23.5	24.4	663,000
Bottineau	76,000	75,500	27.7	27.9	2,104,000	29,000	28,500	24.2	24.6	701,000
McHenry	115,000	113,000	28.5	29.0	3,274,000	54,900	53,900	25.4	25.8	1,393,000
Pierce	36,000	36,000	27.9	27.9	1,005,000	54,000	54,000	26.3	26.3	1,422,000
Rolette	8,000	8,000	26.4	26.4	211,000	7,000	7,000	12.7	12.7	89,000
North Central	256,500	254,000	28.0	28.3	7,192,500	173,100	170,600	24.7	25.0	4,268,000
Cavalier	59,000	58,500	32.6	32.9	1,922,000	126,000	125,500	30.0	30.1	3,782,000
Grand Forks	62,800	61,800	41.2	41.9	2,587,000	187,000	185,000	38.9	39.3	7,277,000
Nelson	30,000	29,500	36.7	37.3	1,100,000	75,000	74,500	35.9	36.2	2,696,000
Pembina	42,000	42,000	37.3	37.3	1,566,000	228,000	227,000	35.0	35.2	7,983,000
Ramsey	41,000	40,500	28.1	28.5	1,154,000	34,000	33,500	28.1	28.5	955,000
Towner	10,000	10,000	32.0	32.0	320,000	10,000	10,000	30.0	30.0	300,000
Walsh	75,000	74,500	37.6	37.9	2,820,000	160,000	157,500	38.9	39.5	6,228,000
Northeast	319,800	316,800	35.9	36.2	11,469,000	820,000	813,000	35.6	35.9	29,221,000
Dunn	100,000	96,000	19.5	20.3	1,946,000	34,900	33,900	14.9	15.4	521,000
McKenzie	120,000	117,000	22.2	22.7	2,661,000	6,400	6,400	19.5	19.5	125,000
McLean	96,000	95,500	29.4	29.6	2,824,000	33,800	33,300	23.0	23.4	779,000
Mercer	65,000	64,600	26.7	26.8	1,734,000	24,800	24,700	25.4	25.5	630,000
Oliver	28,000	27,700	24.8	25.0	693,000	26,900	26,700	21.7	21.9	584,000
West Central	409,000	400,800	24.1	24.6	9,858,000	126,800	125,000	20.8	21.1	2,639,000
Eddy	14,800	14,800	30.6	30.6	453,000	55,000	54,500	23.2	23.4	1,276,000
Foster	43,300	43,000	33.6	33.8	1,455,500	66,000	65,300	30.3	30.7	2,003,000
Kidder	39,000	39,000	25.9	25.9	1,011,000	51,000	50,500	23.1	23.3	1,179,000
Sheridan	98,000	97,500	30.3	30.5	2,974,000	37,000	36,500	26.3	26.7	973,000
Stutsman	135,000	135,000	32.3	32.3	4,357,000	185,000	184,000	27.2	27.4	5,040,000
Wells	75,000	74,500	31.5	31.7	2,365,000	90,000	89,500	28.3	28.5	2,548,000
Central	405,100	403,800	31.1	31.2	12,615,500	484,000	480,300	26.9	27.1	13,019,000
Barnes	59,900	58,900	33.2	33.8	1,990,500	210,000	209,000	30.1	30.2	6,313,000
Cass	14,700	13,700	33.8	36.2	496,500	310,000	308,000	33.7	33.9	10,451,000
Griggs	37,900	37,600	35.1	35.4	1,330,000	72,000	71,300	28.4	28.7	2,045,500
Steele	25,000	25,000	37.9	37.9	947,000	115,000	112,000	35.2	36.2	4,053,000
Traill	20,000	20,000	36.9	36.9	737,000	135,000	134,000	39.1	39.4	5,275,000
East Central	157,500	155,200	34.9	35.4	5,501,000	842,000	834,300	33.4	33.7	28,137,500
Adams	110,000	102,000	16.4	17.7	1,801,000	25,000	22,000	7.3	8.3	183,000
Billings	34,000	29,000	12.5	14.6	424,000	6,000	5,000	8.7	10.4	52,000
Bowman	65,000	57,000	12.6	14.4	820,000	12,000	9,000	5.9	7.9	71,000
Golden Valley	41,000	36,000	15.3	17.4	626,000	6,000	5,000	11.8	14.2	71,000
Hettinger	185,000	174,000	21.1	22.4	3,899,000	45,000	43,000	14.6	15.3	658,000
Slope	73,000	71,000	21.5	22.1	1,571,000	13,000	12,000	13.2	14.3	171,000
Stark	140,000	132,000	17.2	18.3	2,411,000	45,000	43,000	12.5	13.1	562,000
Southwest	648,000	601,000	17.8	19.2	11,552,000	152,000	139,000	11.6	12.7	1,768,000
Burleigh	107,000	104,000	24.6	25.3	2,629,500	77,300	75,300	19.2	19.7	1,486,000
Emmons	47,800	46,800	24.1	24.6	1,152,000	162,000	156,000	19.8	20.6	3,207,000
Grant	96,000	95,500	24.2	24.3	2,322,000	38,900	34,400	13.8	15.6	535,000
Morton	114,000	106,000	23.2	25.0	2,647,000	46,000	42,000	16.6	18.2	763,000
Sioux	27,000	26,500	17.6	17.9	475,000	13,000	12,500	11.5	12.0	150,000
South Central	391,800	378,800	23.5	24.4	9,225,500	337,200	320,200	18.2	19.2	6,141,000
Dickey	13,800	13,800	27.6	27.6	381,000	116,000	112,000	17.3	17.9	2,006,000
LaMoure	39,800	39,800	29.3	29.3	1,165,000	135,000	134,000	21.0	21.1	2,830,000
Logan	53,000	52,500	26.1	26.3	1,383,000	67,000	66,500	20.2	20.4	1,354,000
McIntosh	45,000	45,000	23.4	23.4	1,051,000	115,000	114,000	19.9	20.1	2,293,000
Ransom	16,000	15,500	33.0	34.1	528,000	108,000	107,500	26.8	27.0	2,899,000
Richland	10,000	10,000	31.9	31.9	319,000	210,000	209,000	35.0	35.2	7,356,000
Sargent	4,600	4,600	36.7	36.7	169,000	115,000	114,000	28.4	28.6	3,266,000
Southeast	182,200	181,200	27.4	27.6	4,996,000	866,000	857,000	25.4	25.7	22,004,000
STATE	3,266,900	3,179,100	26.4	27.1	86,225,500	3,922,400	3,860,200	28.2	28.7	110,686,500

1/ See page 38 for irrigated acres.

SPRING WHEAT OTHER THAN DURUM: Acreage, Yield and Production for Summer Fallow and Continuous Cropping by Counties, North Dakota, 1980 (Revised) 1/

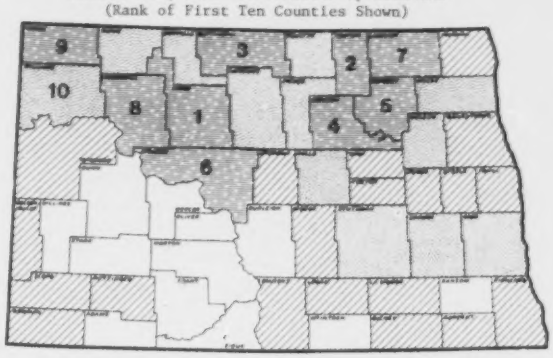
District and County	Summer Fallow					Continuous Cropping				
	Acres Planted	Acres Harvested	Yield per Acre		Production	Acres Planted	Acres Harvested	Yield per Acre		Production
			Pltd.	Harv.				Pltd.	Harv.	
	(Acres)	(Acres)	(Bu.)	(Bu.)	(Bu.)	(Acres)	(Acres)	(Bu.)	(Bu.)	(Bu.)
Burke	95,600	93,500	21.5	22.0	2,055,000	4,400	3,500	12.3	15.4	54,000
Divide	32,100	30,500	16.7	17.6	536,000	2,500	2,100	7.6	9.0	19,000
Mountrail	32,400	30,300	16.6	17.8	539,000	7,600	6,700	10.8	12.2	82,000
Renville	72,500	70,500	23.4	24.0	1,694,000	27,500	23,500	11.0	12.9	303,000
Ward	60,000	58,900	23.9	24.3	1,433,000	54,900	35,000	7.7	12.1	422,500
Williams	199,700	181,200	14.0	15.4	2,788,000	9,700	3,200	2.0	5.9	19,000
Northwest	492,300	464,900	18.4	19.5	9,045,000	106,600	74,000	8.4	12.2	899,500
Benson	26,000	25,000	18.0	18.7	468,000	24,000	18,000	10.7	14.2	256,000
Bottineau	61,000	57,000	19.0	20.3	1,156,000	34,000	22,000	7.4	11.5	252,000
McHenry	129,000	115,000	16.2	18.2	2,094,600	60,900	44,900	8.5	11.5	518,000
Pierce	54,500	49,000	15.2	16.9	827,000	45,500	36,000	10.5	13.3	478,000
Rolette	9,200	7,600	16.2	19.6	149,000	5,800	5,400	12.1	13.0	70,000
North Central	279,700	253,600	16.8	18.5	4,694,600	170,200	126,300	9.2	12.5	1,574,000
Cavalier	84,000	79,000	28.4	30.2	2,388,000	126,000	116,000	19.7	21.4	2,487,000
Grand Forks	84,400	80,000	27.7	29.2	2,336,500	175,300	139,700	12.9	16.2	2,268,500
Nelson	28,000	27,100	19.4	20.0	542,500	48,000	39,900	11.7	14.1	563,600
Pembina	62,000	52,500	27.5	32.5	1,705,000	227,800	197,300	21.0	24.3	4,786,000
Ramsey	34,500	30,500	23.7	26.8	816,000	41,500	36,500	14.2	16.2	591,000
Towner	4,500	4,000	22.7	25.5	102,000	13,500	12,000	16.7	18.8	226,000
Walsh	63,100	60,100	25.8	27.0	1,625,000	176,900	124,900	14.3	20.3	2,538,000
Northeast	360,500	333,200	26.4	28.6	9,515,000	809,000	666,300	16.6	20.2	13,460,000
Dunn	107,500	64,400	6.3	10.5	676,000	32,500	5,500	1.1	6.7	37,000
McKenzie	113,800	58,100	4.4	8.6	501,500	8,000	2,000	1.3	5.0	10,000
McLean	121,900	109,300	14.4	16.1	1,761,300	57,400	35,000	4.4	7.2	252,500
Mercer	63,500	54,500	13.0	15.2	826,000	31,500	16,500	4.4	8.4	138,000
Oliver	40,000	29,000	10.6	14.6	422,000	20,000	12,000	4.8	7.9	95,000
West Central	446,700	315,400	9.4	13.3	4,186,800	149,400	71,000	3.6	7.5	532,500
Eddy	23,500	22,500	24.5	25.6	576,000	51,500	47,500	16.8	18.2	866,000
Foster	58,000	50,000	23.2	26.9	1,345,600	46,200	30,600	8.5	12.9	395,000
Kidder	24,500	18,100	9.1	12.4	224,000	60,300	30,700	3.4	6.6	203,600
Sheridan	85,000	77,000	16.1	17.7	1,366,000	55,000	33,000	5.6	9.3	307,000
Stutsman	135,000	107,000	15.6	19.7	2,105,000	150,000	113,000	11.2	14.8	1,673,000
Wells	97,000	88,000	21.6	23.8	2,093,000	73,000	62,000	14.7	17.3	1,072,000
Central	423,000	362,600	18.2	21.3	7,709,600	436,000	316,800	10.4	14.3	4,516,600
Barnes	86,200	77,000	23.2	26.0	2,003,800	193,100	172,500	13.0	14.6	2,513,200
Cass	23,600	23,000	38.4	39.4	906,000	336,000	326,700	24.5	25.2	8,242,000
Griggs	47,400	46,400	24.0	24.5	1,138,000	77,100	68,100	11.3	12.8	869,000
Steele	40,000	39,500	30.6	30.9	1,222,000	105,000	100,500	16.6	17.3	1,739,000
Traill	31,400	29,400	34.6	37.0	1,087,000	138,300	135,300	26.9	27.5	3,716,000
East Central	228,600	215,300	27.8	29.5	6,356,800	849,500	803,100	20.1	21.3	17,079,200
Adams	74,700	38,000	4.5	8.9	338,000	22,300	8,000	1.5	4.3	34,000
Billings	30,000	12,000	4.0	10.0	120,000	3,000	1,000	1.7	5.0	5,000
Bowman	62,200	40,300	6.9	10.7	431,000	6,800	1,700	2.2	8.8	15,000
Golden Valley	33,400	17,000	4.2	8.3	141,000	8,600	3,000	1.3	3.7	11,000
Hettinger	168,500	130,000	8.0	10.4	1,346,000	46,500	10,000	1.5	7.2	72,000
Slope	80,000	46,000	6.5	11.3	520,000	9,000	3,000	2.8	8.3	25,000
Stark	137,000	110,000	10.2	12.7	1,398,000	38,000	10,000	1.6	5.9	59,000
Southwest	585,800	393,300	7.3	10.9	4,294,000	134,200	36,700	1.6	6.0	221,000
Burleigh	69,600	48,600	10.6	15.2	737,000	120,000	38,000	2.0	6.2	236,000
Emmons	75,000	47,500	7.1	11.3	535,000	115,000	38,500	2.0	5.9	229,000
Grant	103,000	77,400	9.0	11.9	923,000	26,900	9,500	2.3	6.5	62,000
Morton	88,700	61,000	9.9	14.4	880,000	56,200	13,900	2.1	8.3	116,000
Sioux	16,000	11,800	9.2	12.5	147,000	18,800	13,000	3.7	5.3	69,000
South Central	352,300	246,300	9.1	13.1	3,222,000	336,900	112,900	2.1	6.3	712,000
Dickey	16,000	15,300	20.4	21.4	327,000	118,800	109,500	14.5	15.8	1,727,000
LaMoure	50,800	47,800	21.9	23.3	1,112,000	129,000	117,000	15.7	17.3	2,020,000
Logan	48,500	46,500	15.1	15.7	731,000	71,500	43,500	3.0	4.9	214,000
McIntosh	51,000	42,500	9.0	10.8	458,000	89,000	52,500	2.9	4.9	255,000
Ransom	12,400	11,000	27.6	31.1	342,000	102,500	98,900	13.8	14.3	1,417,000
Richland	20,000	14,000	23.7	33.9	474,000	200,000	186,000	25.6	27.6	5,129,000
Sargent	16,000	15,500	30.3	31.3	485,000	104,000	99,500	23.0	24.0	2,392,000
Southeast	214,700	192,600	18.3	20.4	3,929,000	814,800	706,900	16.1	18.6	13,154,000
STATE	3,383,600	2,777,200	15.6	19.1	52,952,800	3,806,600	2,914,000	13.7	17.9	52,148,800

1/ See page 38 for irrigated acres.

DURUM WHEAT: Acreage, Yield and Production
by Counties, North Dakota, 1981 (Preliminary)

District and County	Acres Planted	Acres Harvested	Yield per Acre		Production
			Pltd.	Harv.	
	(Acres)	(Acres)	(Bu.)	(Bu.)	(Bu.)
Burke	110,000	109,000	22.8	23.0	2,507,000
Divide	220,000	219,000	27.9	28.0	6,132,000
Mountrail	260,000	257,000	26.7	27.0	6,939,000
Renville	110,000	109,000	29.3	29.5	3,218,000
Ward	310,000	309,000	29.4	29.5	9,116,000
Williams	180,000	177,000	28.5	29.0	5,133,000
Northwest	1,190,000	1,180,000	27.6	28.0	33,045,000
Benson	240,000	237,000	31.1	31.5	7,466,000
Bottineau	280,000	277,000	27.2	27.5	7,629,000
McHenry	75,000	74,000	32.6	33.0	2,442,000
Pierce	105,000	104,000	28.7	29.0	3,016,000
Rolette	140,000	138,000	31.1	31.5	4,347,000
North Central	840,000	830,000	29.6	30.0	24,900,000
Cavalier	230,000	229,000	30.9	31.0	7,109,000
Grand Forks	25,000	25,000	42.0	42.0	1,051,000
Nelson	143,000	142,000	33.8	34.0	4,835,000
Pembina	17,000	16,000	33.9	36.0	576,000
Ramsey	240,000	238,000	30.8	31.0	7,388,000
Towner	270,000	266,000	29.6	30.0	7,992,000
Walsh	105,000	104,000	30.8	31.0	3,229,000
Northeast	1,030,000	1,020,000	31.2	31.5	32,180,000
Dunn	7,000	6,300	24.7	27.5	173,000
McKenzie	55,000	53,500	21.9	22.5	1,204,000
McLean	280,000	273,000	25.8	26.5	7,229,000
Mercer	12,000	11,800	29.0	29.5	348,000
Oliver	6,000	5,400	24.3	27.0	146,000
West Central	360,000	350,000	25.3	26.0	9,100,000
Eddy	39,000	37,500	26.4	27.5	1,031,000
Foster	46,000	44,500	31.9	33.0	1,469,000
Kidder	40,000	38,500	25.0	26.0	1,001,000
Sheridan	30,000	29,500	23.6	24.0	708,000
Stutsman	125,000	122,000	32.7	33.5	4,087,000
Wells	120,000	118,000	30.0	30.5	3,599,000
Central	400,000	390,000	29.7	30.5	11,895,000
Barnes	71,000	70,000	31.5	32.0	2,240,000
Cass	76,000	75,000	36.5	37.0	2,773,000
Griggs	35,000	34,000	31.6	32.5	1,105,000
Steele	22,000	21,000	33.9	35.5	745,000
Traill	26,000	25,000	38.9	40.5	1,012,000
East Central	230,000	225,000	34.2	35.0	7,875,000
Adams	31,000	26,000	15.9	19.0	494,000
Billings	3,000	2,500	13.3	16.0	40,000
Bowman	49,000	44,000	14.8	16.5	726,000
Golden Valley	52,000	48,000	17.5	19.0	910,000
Hettinger	41,000	40,000	19.5	20.0	800,000
Slope	29,000	28,000	25.1	26.0	728,000
Stark	25,000	21,500	15.9	18.5	397,000
Southwest	230,000	210,000	17.8	19.5	4,095,000
Burleigh	24,000	23,000	20.1	21.0	483,000
Emmons	28,000	27,000	24.1	25.0	676,000
Grant	16,000	15,000	23.0	24.5	368,000
Morton	7,000	6,500	18.1	19.5	127,000
Sioux	15,000	13,500	14.4	16.0	216,000
South Central	90,000	85,000	20.8	22.0	1,870,000
Dickey	43,000	40,500	21.7	23.0	931,000
LaMoure	72,000	69,000	23.0	24.0	1,656,000
Logan	25,000	24,000	25.0	26.0	624,000
McIntosh	20,000	19,000	22.8	24.0	456,000
Ransom	11,000	10,500	21.9	23.0	241,000
Richland	29,000	28,000	34.3	35.5	994,000
Sargent	30,000	29,000	30.9	32.0	928,000
Southeast	230,000	220,000	25.3	26.5	5,830,000
STATE	4,600,000	4,510,000	28.4	29.0	130,790,000

DURUM WHEAT, 1981 - Production by Counties
(Rank of First Ten Counties Shown)



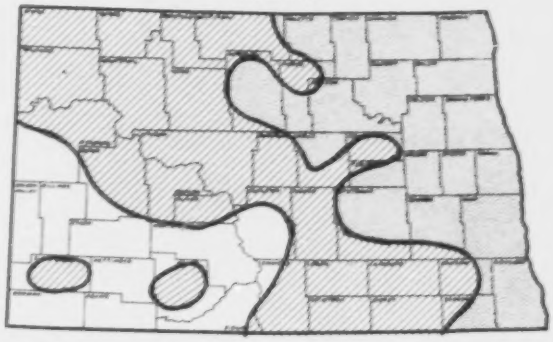
Under 500,000 bu.

500,000 - 1,999,999 bu.

2,000,000 - 5,999,999 bu.

6,000,000 bu. & over

DURUM WHEAT, 1981 - Yield per Harvested Acre
(Bushels)

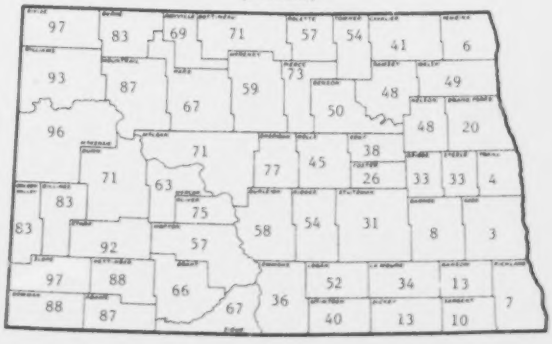


Under 23.0 bu.

23.0 - 29.9 bu.

30.0 bu. & over

DURUM WHEAT - 1981
Percent Planted on Summer Fallow
(Percent)



DURUM WHEAT, Acreage, Yield and Production by Counties,
North Dakota, 1980 (Revised) and 5-Year Average, 1976-80

District and County	1980					5-Year Average, 1976-80 1/				
	Acres Planted	Acres Harvested	Yield per Acre		Production	Acres Planted	Acres Harvested	Yield per Acre		Production
			Pltd.	Harv.				Pltd.	Harv.	
	(Acres)	(Acres)	(Bu.)	(Bu.)	(Bu.)	(Acres)	(Acres)	(Bu.)	(Bu.)	(Bu.)
Burke	110,000	100,000	18.6	20.4	2,043,000	77,500	74,700	23.6	24.3	1,775,400
Divide	230,000	220,000	22.0	23.0	5,055,000	184,800	179,900	25.8	26.5	4,738,200
Mountrail	250,000	230,000	18.8	20.4	4,698,000	213,900	207,900	23.7	24.2	5,032,200
Renville	95,000	85,000	16.9	18.9	1,606,000	87,900	85,300	24.1	24.7	2,095,300
Ward	290,000	260,000	16.5	18.4	4,779,000	248,500	240,000	24.9	25.6	6,131,700
Williams	155,000	145,000	15.8	16.9	2,444,000	121,200	118,400	25.0	25.4	2,947,200
Northwest	1,130,000	1,040,000	18.3	19.8	20,625,000	933,800	906,200	24.6	25.2	22,720,100
Benson	240,000	210,000	18.0	20.6	4,327,000	195,900	186,200	24.8	25.8	4,828,500
Bottineau	285,000	265,000	17 3	18.6	4,928,000	216,600	207,300	22.9	23.9	4,872,700
McHenry	75,000	65,000	13.9	16.1	1,045,000	66,300	62,400	21.6	22.7	1,435,600
Pierce	95,000	80,000	13.5	16.1	1,287,000	91,600	85,100	20.5	21.9	1,899,000
Rolette	135,000	120,000	18.3	20.6	2,473,000	111,100	107,100	25.9	26.6	2,831,500
North Central	830,000	740,000	16.9	19.0	14,060,000	681,500	648,200	23.4	24.5	15,867,400
Cavalier	210,000	190,000	22.6	25.0	4,749,000	159,300	152,400	29.4	30.5	4,581,000
Grand Forks	32,000	30,000	16.4	17.5	525,000	19,400	18,700	24.9	25.5	442,800
Nelson	165,000	155,000	15.5	16.5	2,557,000	140,300	135,100	23.3	24.1	3,201,700
Pembina	18,000	13,000	17.7	24.5	319,000	9,900	8,800	30.7	32.9	276,600
Ramsey	240,000	210,000	18.4	21.0	4,409,000	204,600	193,500	26.8	28.1	5,411,900
Towner	270,000	230,000	17.0	20.0	4,599,000	217,900	205,500	25.8	27.0	5,516,200
Walsh	115,000	92,000	14.8	18.5	1,702,000	75,300	70,000	26.7	27.8	1,857,000
Northeast	1,050,000	920,000	18.0	20.5	18,860,000	826,700	784,100	26.4	27.5	21,287,200
Dunn	3,000	2,000	6.3	9.5	19,000	2,100	1,800	22.0	22.9	41,600
McKenzie	66,000	49,000	8.6	11.6	569,000	47,900	43,100	20.1	21.6	932,300
McLean	240,000	220,000	16.2	17.7	3,884,000	194,700	185,000	24.7	25.8	4,680,700
Mercer	10,000	8,000	13.7	17.1	137,000	4,000	3,500	22.0	22.9	72,500
Oliver	1,000	1,000	11.0	11.0	11,000	1,000	900	15.9	18.6	17,900
West Central	320,000	280,000	14.4	16.5	4,620,000	249,600	234,300	23.7	25.0	5,745,000
Eddy	39,000	37,000	21.5	22.6	837,000	30,700	29,100	22.2	23.6	685,100
Foster	34,000	31,000	17.4	19.0	590,000	27,500	25,700	23.1	24.9	633,500
Kidder	35,000	25,000	9.9	13.9	348,000	28,900	25,600	15.7	17.0	435,800
Sheridan	27,000	22,000	14.3	17.5	385,000	19,200	17,100	19.4	21.5	381,000
Stutsman	150,000	125,000	13.7	16.5	2,057,000	123,200	114,900	22.9	24.3	2,816,200
Wells	145,000	110,000	16.8	22.1	2,433,000	96,200	84,700	22.4	25.0	2,175,600
Central	430,000	350,000	15.5	19.0	6,650,000	325,800	297,100	21.9	23.8	7,127,200
Barnes	57,000	54,000	12.9	13.7	738,000	42,400	41,100	24.8	25.4	979,100
Cass	67,000	64,000	22.1	23.1	1,480,000	40,000	38,900	31.1	31.8	1,151,500
Griggs	25,000	23,000	18.4	20.0	460,000	16,700	16,100	23.6	24.3	372,400
Steele	15,000	14,000	17.2	18.4	258,000	13,500	13,200	27.2	27.7	349,500
Traill	16,000	15,000	23.7	25.3	379,000	10,000	9,700	33.0	33.6	313,000
East Central	180,000	170,000	18.4	19.5	3,315,000	122,600	119,000	27.4	28.0	3,165,500
Adams	36,000	26,000	8.1	11.2	290,000	25,000	22,100	16.8	18.1	396,800
Billings	2,000	1,000	5.5	11.0	11,000	1,400	1,200	21.0	22.8	26,500
Bowman	44,000	32,000	6.8	9.3	298,000	24,300	21,300	17.6	18.8	378,200
Golden Valley	42,000	22,000	5.9	11.2	246,000	29,400	25,000	24.6	26.0	661,500
Hettinger	30,000	22,000	7.5	10.2	225,000	20,000	18,300	25.2	25.8	457,700
Slope	11,000	7,000	7.1	11.1	78,000	11,800	10,800	22.4	23.6	274,900
Stark	15,000	10,000	7.5	11.2	112,000	9,400	8,000	19.2	22.5	170,000
Southwest	180,000	120,000	7.0	10.5	1,260,000	121,300	106,800	21.1	22.5	2,365,500
Burleigh	23,000	13,000	5.2	9.2	120,000	16,100	12,600	13.3	15.8	209,300
Emmons	19,000	9,000	3.6	7.7	69,000	17,500	15,100	13.7	15.0	220,300
Grant	10,000	7,000	6.4	9.1	64,000	8,600	7,400	17.5	21.0	165,000
Morton	9,000	4,000	4.1	9.3	37,000	6,800	5,300	13.4	17.0	94,100
Sioux	9,000	7,000	5.6	7.1	50,000	5,100	4,400	11.1	13.0	52,300
South Central	70,000	40,000	4.9	8.5	340,000	54,100	44,800	14.2	16.2	741,100
Dickey	33,000	32,000	16.0	16.5	529,000	21,600	21,100	20.2	20.5	412,000
LaMoure	67,000	60,000	13.4	14.9	896,000	54,500	51,700	22.2	23.2	1,169,900
Logan	20,000	13,000	9.7	14.9	194,000	12,700	11,000	19.3	20.7	211,000
McIntosh	20,000	16,000	7.7	9.6	154,000	16,700	15,700	17.7	18.4	260,900
Ransom	16,000	16,000	20.3	20.3	324,000	9,400	9,100	23.2	24.6	197,900
Richland	23,000	22,000	28.0	29.3	645,000	12,800	12,400	26.1	27.1	338,300
Sargent	31,000	31,000	21.9	21.9	678,000	25,000	24,600	22.7	23.1	536,000
Southeast	210,000	190,000	16.3	18.0	3,420,000	152,600	145,600	21.6	22.5	3,126,000
STATE	4,400,000	3,850,000	16.6	19.0	73,150,000	3,468,000	3,286,000	24.1	25.2	82,145,000

1/ Totals may not add due to rounding.

DURUM WHEAT: Acreage, Yield and Production for Summer Fallow and Continuous Cropping by Counties, North Dakota, 1981 (Preliminary) 1/

District and County	Summer Fallow					Continuous Cropping				
	Acres Planted	Acres Harvested	Yield per Acre		Production	Acres Planted	Acres Harvested	Yield per Acre		Production
			Pltd.	Harv.				Pltd.	Harv.	
	(Acres)	(Acres)	(Bu.)	(Bu.)	(Bu.)	(Acres)	(Acres)	(Bu.)	(Bu.)	(Bu.)
Burke	91,000	90,000	23.0	23.2	2,092,000	19,000	19,000	21.8	21.8	415,000
Divide	214,000	213,000	27.9	28.0	5,971,000	5,200	5,200	21.7	21.7	113,000
Mountrail	225,000	223,000	26.8	27.0	6,030,000	35,000	34,000	26.0	26.7	909,000
Renville	76,000	75,500	30.0	30.2	2,280,000	34,000	33,500	27.6	28.0	938,000
Ward	207,000	207,000	30.1	30.1	6,235,000	102,800	101,800	27.9	28.2	2,871,000
Williams	167,000	164,000	28.3	28.8	4,720,000	9,800	9,800	25.8	25.8	253,000
Northwest	980,000	972,500	27.9	28.1	27,328,000	205,800	203,300	26.7	27.0	5,499,000
Benson	120,000	119,000	30.0	30.2	3,595,000	119,800	117,800	32.2	32.8	3,863,000
Bottineau	198,000	196,000	28.6	28.9	5,665,000	82,000	81,000	24.0	24.2	1,964,000
McHenry	44,000	43,500	32.8	33.1	1,441,000	30,900	30,400	32.3	32.8	997,000
Pierce	77,000	76,500	30.2	30.4	2,328,000	27,900	27,400	24.5	25.0	684,000
Rolette	80,000	79,000	31.2	31.6	2,499,000	60,000	59,000	30.8	31.3	1,848,000
North Central	519,000	514,000	29.9	30.2	15,528,000	320,600	315,600	29.2	29.6	9,356,000
Cavalier	95,000	95,000	31.2	31.2	2,961,000	135,000	134,000	30.7	31.0	4,148,000
Grand Forks	5,000	5,000	42.2	42.2	211,000	20,000	20,000	42.0	42.0	840,000
Nelson	68,000	67,500	34.4	34.6	2,337,000	74,800	74,300	33.3	33.5	2,490,000
Pembina	1,000	1,000	37.0	37.0	37,000	16,000	15,000	33.7	35.9	539,000
Ramsey	115,000	114,000	30.6	30.8	3,515,000	125,000	124,000	31.0	31.2	3,873,000
Towner	145,000	142,000	29.9	30.6	4,340,000	125,000	124,000	29.2	29.5	3,652,000
Walsh	51,000	50,500	29.4	29.7	1,499,000	54,000	53,500	32.0	32.3	1,730,000
Northeast	480,000	475,000	31.0	31.4	14,900,000	549,800	544,800	31.4	31.7	17,272,000
Dunn	5,000	4,800	26.8	27.9	134,000	2,000	1,500	19.5	26.0	39,000
McKenzie	53,000	51,500	21.5	22.1	1,138,000	1,300	1,300	21.2	21.2	27,500
McLean	200,000	195,000	26.4	27.1	5,286,000	78,600	76,600	23.9	24.5	1,880,000
Mercer	7,500	7,400	29.7	30.1	223,000	4,400	4,300	27.5	28.1	121,000
Oliver	4,500	4,200	25.8	27.6	116,000	1,500	1,200	20.0	25.0	30,000
West Central	270,000	262,900	25.5	26.2	6,897,000	87,800	84,900	23.9	24.7	2,097,500
Eddy	15,000	14,200	29.8	31.5	447,000	24,000	23,300	24.3	25.1	584,000
Foster	12,100	11,800	32.3	33.1	391,000	33,500	32,300	31.8	32.9	1,064,000
Kidder	21,500	20,600	27.3	28.5	586,500	18,200	17,600	22.2	23.0	404,000
Sheridan	23,000	22,600	24.8	25.2	570,000	7,000	6,900	19.7	20.0	138,000
Stutsman	38,800	37,800	35.4	36.3	1,374,000	86,000	84,000	31.5	32.2	2,706,000
Wells	54,000	53,000	32.4	33.0	1,750,000	66,000	65,000	28.0	28.4	1,849,000
Central	164,400	160,000	31.1	32.0	5,118,500	234,700	229,100	28.7	29.4	6,745,000
Barnes	6,000	6,000	31.7	31.7	190,000	65,000	64,000	31.5	32.0	2,050,000
Cass	2,000	2,000	42.0	42.0	84,000	73,000	72,000	36.2	36.7	2,639,000
Griggs	11,600	11,300	35.3	36.3	410,000	23,000	22,300	29.5	30.4	679,000
Steele	7,300	7,000	33.4	34.9	244,000	14,500	13,800	33.9	35.6	491,000
Traill	1,000	1,000	41.0	41.0	41,000	25,000	24,000	38.8	40.5	971,000
East Central	27,900	27,300	34.7	35.5	969,000	200,500	196,100	34.1	34.8	6,830,000
Adams	27,000	23,000	16.4	19.3	443,000	4,000	3,000	12.8	17.0	51,000
Billings	2,500	2,100	14.4	17.1	36,000	500	400	8.0	10.0	4,000
Bowman	43,000	40,000	15.7	16.9	676,000	6,000	4,000	8.3	12.5	50,000
Golden Valley	43,000	40,000	17.7	19.1	763,000	9,000	8,000	16.3	18.4	147,000
Hettinger	36,000	35,500	20.4	20.6	733,000	5,000	4,500	13.4	14.9	67,000
Slope	28,000	27,000	25.1	26.0	703,000	1,000	1,000	25.0	25.0	25,000
Stark	23,000	20,500	16.8	18.8	386,000	2,000	1,000	5.5	11.0	11,000
Southwest	202,500	188,100	18.5	19.9	3,740,000	27,500	21,900	12.9	16.2	355,000
Burleigh	14,000	13,500	25.0	25.9	350,000	10,000	9,500	13.3	14.0	133,000
Emmons	10,000	9,500	30.3	31.9	303,000	18,000	17,500	20.7	21.3	373,000
Grant	10,500	10,000	24.9	26.1	261,000	5,500	5,000	19.5	21.4	107,000
Morton	4,000	3,700	20.0	21.6	80,000	3,000	2,800	15.7	16.8	47,000
Sioux	10,000	9,500	15.9	16.7	159,000	5,000	4,000	11.4	14.3	57,000
South Central	48,500	46,200	23.8	25.0	1,153,000	41,500	38,800	17.3	18.5	717,000
Dickey	5,600	5,300	28.6	30.2	160,000	37,000	34,800	20.4	21.6	753,000
LaMoure	24,600	24,000	28.5	29.3	702,000	47,000	44,600	20.0	21.1	940,000
Logan	13,000	12,500	28.6	29.8	372,000	12,000	11,500	21.0	21.9	252,000
McIntosh	8,000	7,500	26.5	28.3	212,000	12,000	11,500	20.3	21.2	244,000
Ransom	1,400	1,400	34.3	34.3	48,000	9,500	9,000	19.9	21.0	189,000
Richland	2,000	2,000	36.0	36.0	72,000	27,000	26,000	34.1	35.5	922,000
Sargent	3,000	3,000	38.7	38.7	116,000	27,000	26,000	30.1	31.2	812,000
Southeast	57,600	55,700	29.2	30.2	1,682,000	171,500	163,400	24.0	25.2	4,112,000
STATE	2,749,900	2,701,700	28.1	28.6	77,315,500	1,839,700	1,797,900	28.8	29.5	52,983,500

1/ See page 38 for irrigated acres.

DURUM WHEAT: Acreage, Yield and Production for Summer Fallow and Continuous Cropping by Counties, North Dakota, 1980 (Revised) 1/

District and County	Summer Fallow					Continuous Cropping				
	Acres Planted	Acres Harvested	Yield per Acre		Production	Acres Planted	Acres Harvested	Yield per Acre		Production
			Pltd.	Harv.				Pltd.	Harv.	
	(Acres)	(Acres)	(Bu.)	(Bu.)	(Bu.)	(Acres)	(Acres)	(Bu.)	(Bu.)	(Bu.)
Burke	88,000	85,500	21.8	22.4	1,917,000	22,000	14,500	5.7	8.7	126,000
Divide	201,200	195,200	23.5	24.3	4,734,500	28,500	24,500	10.8	12.6	308,500
Mountrail	229,000	214,000	19.8	21.1	4,525,000	21,000	16,000	8.2	10.8	173,000
Renville	63,000	60,500	21.0	21.9	1,324,000	32,000	24,500	8.8	11.5	282,000
Ward	178,400	173,000	21.7	22.3	3,864,000	111,200	86,600	8.1	10.4	903,000
Williams	146,200	138,300	15.9	16.8	2,321,500	6,300	4,200	4.0	6.0	25,000
Northwest	905,800	866,500	20.6	21.6	18,686,000	221,000	170,300	8.2	10.7	1,817,500
Benson	155,000	142,000	21.1	23.1	3,278,000	84,000	67,000	12.0	15.1	1,011,000
Bottineau	174,000	166,000	21.4	22.4	3,717,000	111,000	99,000	10.9	12.2	1,211,000
McHenry	34,200	31,800	19.7	21.1	672,200	40,500	32,900	9.0	11.1	363,800
Pierce	65,000	62,000	16.6	17.4	1,079,000	30,000	18,000	6.9	11.6	208,000
Rolette	86,300	84,000	22.4	23.0	1,930,000	48,700	36,000	11.1	15.1	543,000
North Central	514,500	485,800	20.8	22.0	10,676,200	314,200	252,900	10.6	13.2	3,336,800
Cavalier	96,000	94,000	28.5	29.1	2,738,000	114,000	96,000	17.6	20.9	2,011,000
Grand Forks	10,500	10,000	21.8	22.9	229,000	21,500	20,000	13.8	14.8	296,000
Nelson	78,500	77,000	21.2	21.6	1,664,000	86,500	78,000	10.3	11.4	893,000
Pembina	1,400	1,000	18.6	26.0	26,000	16,600	12,000	17.7	24.4	293,000
Ramsey	109,000	100,000	23.2	25.3	2,531,000	131,000	110,000	14.3	17.1	1,878,000
Towner	135,000	130,000	24.0	24.9	3,234,000	135,000	100,000	10.1	13.7	1,365,000
Walsh	51,000	44,500	19.4	22.2	989,000	64,000	47,500	11.1	15.0	713,000
Northeast	481,400	456,500	23.7	25.0	11,411,000	568,600	463,500	13.1	16.1	7,449,000
Dunn	2,000	1,500	8.3	11.0	16,500	1,000	500	2.5	5.0	2,500
McKenzie	60,600	45,900	8.4	11.1	510,000	4,600	2,300	5.0	10.0	23,000
McLean	184,900	179,500	19.0	19.6	3,511,500	53,500	39,000	6.1	8.4	327,600
Mercer	7,000	5,900	15.4	18.3	108,000	2,800	2,000	9.5	13.3	26,500
Oliver	800	800	12.0	12.0	9,600	200	200	7.0	7.0	1,400
West Central	255,300	233,600	16.3	17.8	4,155,600	62,100	44,000	6.1	8.7	381,000
Eddy	11,800	11,400	32.3	33.5	381,400	27,200	25,600	16.8	17.8	455,600
Foster	8,400	8,000	28.6	30.0	240,000	25,200	22,600	13.7	15.3	345,200
Kidder	20,700	17,000	13.3	16.2	275,100	14,000	7,700	4.3	7.8	60,000
Sheridan	20,800	19,600	17.5	18.5	363,000	6,200	2,400	3.5	9.2	22,000
Stutsman	63,000	55,000	20.3	23.2	1,277,000	86,800	70,000	9.0	11.1	780,000
Wells	51,000	43,000	23.5	27.9	1,198,000	94,000	67,000	13.1	18.4	1,235,000
Central	175,700	154,000	21.3	24.3	3,734,500	253,400	195,300	11.4	14.8	2,897,800
Barnes	5,800	5,800	18.8	18.8	109,000	51,200	48,200	12.3	13.0	629,000
Cass	4,000	3,800	22.8	24.0	91,200	62,300	59,600	21.8	22.8	1,360,600
Griggs	8,900	8,200	25.8	28.0	229,300	15,700	14,400	14.0	15.2	219,500
Steele	4,400	4,400	25.9	25.9	114,000	10,600	9,600	13.6	15.0	144,000
Traill	400	400	42.5	42.5	17,000	15,600	14,600	23.2	24.8	362,000
East Central	23,500	22,600	23.9	24.8	560,500	155,400	146,400	17.5	18.5	2,715,100
Adams	30,500	22,500	8.6	11.6	262,000	5,500	3,500	5.1	8.0	28,000
Billings	1,700	1,000	6.5	11.0	11,000	300	--	--	--	--
Bowman	35,200	30,000	8.2	9.7	290,000	8,800	2,000	.9	4.0	8,000
Golden Valley	36,800	21,000	6.5	11.5	241,000	5,200	1,000	1.0	5.0	5,000
Hettinger	27,700	20,800	7.9	10.5	219,000	2,300	1,200	2.6	5.0	6,000
Slope	11,000	7,000	7.1	11.1	78,000	--	--	--	--	--
Stark	9,700	8,100	10.3	12.3	100,000	5,300	1,900	2.3	6.3	12,000
Southwest	152,600	110,400	7.9	10.9	1,201,000	27,400	9,600	2.2	6.1	59,000
Burleigh	8,400	7,800	10.1	10.9	85,000	14,600	5,200	2.4	6.7	35,000
Emmons	6,700	5,400	7.6	9.4	51,000	12,300	3,600	1.5	5.0	18,000
Grant	7,000	6,100	8.5	9.8	59,500	3,000	900	1.5	5.0	4,500
Morton	6,300	3,200	5.0	9.8	31,500	2,700	800	2.0	6.9	5,500
Sioux	5,400	5,300	7.8	8.0	42,200	3,600	1,700	2.2	4.6	7,800
South Central	33,800	27,800	8.0	9.7	269,200	36,200	12,200	2.0	5.8	70,800
Dickey	5,200	5,200	23.0	23.0	119,500	27,300	26,300	14.2	14.7	387,000
LaMoure	17,200	16,200	21.6	22.9	371,600	49,500	43,500	10.4	11.8	513,000
Logan	3,800	3,500	24.2	26.3	92,000	16,200	9,500	6.3	10.7	102,000
McIntosh	5,500	5,200	14.0	14.8	77,000	14,500	10,800	5.3	7.1	77,000
Ransom	2,500	2,500	35.2	35.2	88,000	13,500	13,500	17.5	17.5	236,000
Richland	2,500	2,500	36.4	36.4	91,000	20,500	19,500	27.0	28.4	554,000
Sargent	3,300	3,300	27.4	27.4	90,500	27,700	27,700	21.2	21.2	587,500
Southeast	40,000	38,400	23.2	24.2	929,600	169,200	150,800	14.5	16.3	2,456,500
STATE	2,582,600	2,395,600	20.0	21.5	51,623,600	1,807,500	1,445,000	11.7	14.7	21,183,500

1/ See page 38 for irrigated acres.

WINTER WHEAT: Acreage, Yield and Production by Counties,
North Dakota, 1980 (Revised) and 1981 (Preliminary)

District and County	1980					1981				
	Acres Planted	Acres Harvested	Yield per Acre		Production	Acres Planted	Acres Harvested	Yield per Acre		Production
			Ptd.	Harv.				Ptd.	Harv.	
	(Acres)	(Acres)	(Bu.)	(Bu.)	(Bu.)	(Acres)	(Acres)	(Bu.)	(Bu.)	(Bu.)
Burke	200	100	5.5	11.0	1,100	500	400	15.2	19.0	7,600
Divide	1,200	500	4.6	11.0	5,500	1,000	800	15.2	19.0	15,200
Mountrail	2,500	1,000	4.8	12.0	12,000	3,000	2,500	17.5	21.0	52,500
Renville	1,600	700	5.3	12.0	8,400	2,000	1,700	17.5	20.5	34,900
Ward	1,500	600	5.2	13.0	7,800	1,500	1,100	16.9	23.0	25,300
Williams	4,000	1,600	4.8	12.0	19,200	5,000	4,500	18.0	20.0	90,000
Northwest	11,000	4,500	4.9	12.0	54,000	13,000	11,000	17.3	20.5	225,500
Benson	1,200	800	10.7	16.0	12,800	700	600	20.6	24.0	14,400
Bottineau	3,300	2,700	11.7	14.3	38,600	1,000	800	16.8	21.0	16,800
McHenry	1,800	1,200	10.0	15.0	18,000	1,000	800	19.2	24.0	19,200
Pierce	1,600	1,200	12.0	16.0	19,200	1,500	1,300	22.1	25.5	33,100
Rolette	100	100	14.0	14.0	1,400	800	500	13.1	21.0	10,500
North Central	8,000	6,000	11.3	15.0	90,000	5,000	4,000	18.8	23.5	94,000
Cavalier	---	---	---	---	---	1,000	900	33.3	37.0	33,300
Grand Forks	1,000	800	24.0	30.0	24,000	9,000	9,000	38.0	38.0	342,000
Nelson	100	100	25.0	25.0	2,500	1,000	1,000	25.0	25.0	25,000
Pembina	3,900	2,800	22.8	31.8	89,100	8,500	8,000	34.8	37.0	296,000
Ramsey	100	100	19.0	19.0	1,900	1,500	1,400	27.1	29.0	40,600
Towner	---	---	---	---	---	1,000	700	23.1	33.0	23,100
Walsh	900	700	19.4	25.0	17,500	2,000	2,000	34.0	34.0	68,000
Northeast	6,000	4,500	22.5	30.0	135,000	24,000	23,000	34.5	36.0	828,000
Dunn	1,500	600	4.4	11.0	6,600	1,000	500	10.0	20.0	10,000
McKenzie	14,000	5,000	3.7	10.2	51,200	18,000	16,000	17.8	20.0	320,000
McLean	4,500	1,900	5.5	13.0	24,700	3,000	2,500	16.7	20.0	50,000
Mercer	---	---	---	---	---	---	---	---	---	---
Oliver	---	---	---	---	---	---	---	---	---	---
West Central	20,000	7,500	4.1	11.0	82,500	22,000	19,000	17.3	20.0	380,000
Eddy	---	---	---	---	---	500	500	22.0	22.0	11,000
Foster	---	---	---	---	---	500	500	22.0	22.0	11,000
Kidder	---	---	---	---	---	1,000	900	18.0	20.0	18,000
Sheridan	---	---	---	---	---	500	400	16.0	20.0	8,000
Stutsman	---	---	---	---	---	1,500	1,300	17.3	20.0	26,000
Wells	500	450	12.6	14.0	6,300	500	400	16.0	20.0	8,000
Central	500	450	12.6	14.0	6,300	4,500	4,000	18.2	20.5	82,000
Barnes	1,500	1,000	16.7	25.0	25,000	2,000	1,900	28.5	30.0	57,000
Cass	2,500	2,000	22.0	27.5	54,900	3,000	2,900	32.8	34.0	98,500
Griggs	---	---	---	---	---	4,000	3,900	30.2	31.0	120,900
Steele	100	100	26.0	26.0	2,600	5,500	5,400	37.8	38.5	208,000
Traill	900	400	13.3	30.0	12,000	4,500	4,400	38.1	39.0	171,600
East Central	5,000	3,500	18.9	27.0	94,500	19,000	18,500	34.5	35.5	656,000
Adams	12,000	5,200	4.8	11.0	57,200	2,500	1,500	12.6	21.0	31,500
Billings	4,000	1,500	3.8	10.0	15,000	1,000	800	14.4	18.0	14,400
Bowman	19,000	13,000	10.2	14.9	193,850	16,000	13,000	17.1	21.0	273,000
Golden Valley	13,000	7,000	6.5	12.0	84,000	10,500	9,700	26.8	29.0	281,300
Hettinger	9,000	3,000	4.0	12.0	36,000	4,000	3,800	25.7	27.0	102,600
Slope	8,000	2,800	5.3	15.0	42,000	6,000	5,700	24.7	26.0	148,200
Stark	14,000	9,000	9.0	14.0	126,000	7,000	6,500	25.1	27.0	175,500
Southwest	79,000	41,500	7.0	13.4	554,050	47,000	41,000	21.8	25.0	1,026,500
Burleigh	500	150	3.6	12.0	1,800	500	400	20.8	26.0	10,400
Emmons	1,500	500	4.4	13.1	6,550	1,500	1,400	24.3	26.0	36,400
Grant	800	200	3.0	12.0	2,400	800	700	21.0	24.0	16,800
Morton	400	100	4.0	16.0	1,600	400	300	18.0	24.0	7,200
Sioux	300	100	4.3	13.0	1,300	300	200	14.0	21.0	4,200
South Central	3,500	1,050	3.9	13.0	13,650	3,500	3,000	21.4	25.0	75,000
Dickey	---	---	---	---	---	500	400	15.6	19.5	7,800
LaMoure	100	100	18.0	18.0	1,800	1,000	1,000	20.0	20.0	20,000
Logan	100	---	---	---	---	500	500	20.0	20.0	10,000
McIntosh	200	100	9.0	18.0	1,800	500	500	20.0	20.0	10,000
Ransom	1,000	600	12.0	20.0	12,000	1,000	900	20.7	23.0	20,700
Richland	500	200	8.8	22.0	4,400	500	500	25.0	25.0	12,500
Sargent	100	---	---	---	---	3,000	2,700	20.7	23.0	62,000
Southeast	2,000	1,000	10.0	20.0	20,000	7,000	6,500	20.4	22.0	143,000
STATE	135,000	70,000	7.8	15.0	1,050,000	145,000	130,000	24.2	27.0	3,510,000
	North Dakota Totals by Special Cropping Practices									
Summer Fallow	109,000	60,150	8.2	14.9	895,400	97,000	87,400	23.0	25.5	2,232,700
Cont. Cropping	26,000	9,850	5.9	15.7	154,600	48,000	42,600	26.6	30.0	1,277,300
Irrigated	- - - - - - - - - N O N E - - - - - - - - -					- - - - - - - - - N O N E - - - - - - - - -				

IRRIGATION

DURUM WHEAT AND SPRING WHEAT OTHER THAN DURUM:
Acreage, Yield and Production for Irrigation by Counties, North Dakota, 1980 (Revised) and 1981 (Preliminary)

County	1980 Irrigated					1981 Irrigated				
	Acres Planted	Acres Harvested	Yield per Acre		Production	Acres Planted	Acres Harvested	Yield per Acre		Production
			Pltd.	Harv.				Pltd.	Harv.	
	(Acres)	(Acres)	(Bu.)	(Bu.)	(Bu.)	(Acres)	(Acres)	(Bu.)	(Bu.)	(Bu.)
					DURUM WHEAT					
Divide	300	300	40.0	40.0	12,000	800	800	60.0	60.0	48,000
Ward	400	400	30.0	30.0	12,000	200	200	50.0	50.0	10,000
Williams	2,500	2,500	39.0	39.0	97,500	3,200	3,200	50.0	50.0	160,000
Benson	1,000	1,000	38.0	38.0	38,000	200	200	40.0	40.0	8,000
McHenry	300	300	30.0	30.0	9,000	100	100	40.0	40.0	4,000
Pierce	---	---	---	---	---	100	100	40.0	40.0	4,000
Nelson	---	---	---	---	---	200	200	40.0	40.0	8,000
McKenzie	800	800	45.0	45.0	36,000	700	700	55.0	55.0	38,500
McLean	1,600	1,500	28.1	29.9	44,900	1,400	1,400	45.0	45.0	63,000
Mercer	200	100	12.5	25.0	2,500	100	100	40.0	40.0	4,000
Foster	400	400	12.0	12.0	4,800	400	400	35.0	35.0	14,000
Kidder	300	300	43.0	43.0	12,900	300	300	35.0	35.0	10,500
Stutsman	200	---	---	---	---	200	200	35.0	35.0	7,000
Cass	700	600	40.3	47.0	28,200	1,000	1,000	50.0	50.0	50,000
Griggs	400	400	28.0	28.0	11,200	400	400	40.0	40.0	16,000
Steele	---	---	---	---	---	200	200	50.0	50.0	10,000
Dickey	500	500	45.0	45.0	22,500	400	400	45.0	45.0	18,000
LaMoure	300	300	38.0	38.0	11,400	400	400	35.0	35.0	14,000
Ransom	---	---	---	---	---	100	100	40.0	40.0	4,000
STATE	9,900	9,400	34.6	36.5	342,900	10,400	10,400	47.2	47.2	491,000
					SPRING WHEAT OTHER THAN DURUM					
Divide	400	400	40.0	40.0	16,000	1,200	1,200	50.0	50.0	60,000
Ward	100	100	25.0	25.0	2,500	200	200	40.0	40.0	8,000
Williams	600	600	45.0	45.0	27,000	300	300	40.0	40.0	12,000
Benson	---	---	---	---	---	300	300	35.0	35.0	10,500
McHenry	100	100	14.0	14.0	1,400	100	100	40.0	40.0	4,000
Grand Forks	300	300	50.0	50.0	15,000	200	200	50.0	50.0	10,000
Pembina	200	200	50.0	50.0	10,000	---	---	---	---	---
Dunn	---	---	---	---	---	100	100	40.0	40.0	4,000
McKenzie	3,200	2,900	40.8	45.0	130,500	3,600	3,600	55.0	55.0	198,000
McLean	700	700	36.0	36.0	25,200	200	200	45.0	45.0	9,000
Mercer	---	---	---	---	---	200	200	40.0	40.0	8,000
Oliver	---	---	---	---	---	100	100	40.0	40.0	4,000
Eddy	---	---	---	---	---	200	200	30.0	30.0	6,000
Foster	800	400	10.5	21.0	8,400	700	700	35.0	35.0	24,500
Kidder	200	200	27.0	27.0	5,400	---	---	---	---	---
Barnes	700	500	20.0	28.0	14,000	100	100	45.0	45.0	4,500
Cass	400	300	37.5	50.0	15,000	300	300	45.0	45.0	13,500
Griggs	500	500	40.0	40.0	20,000	100	100	35.0	35.0	3,500
Traill	300	300	50.0	50.0	15,000	---	---	---	---	---
Burleigh	400	400	35.0	35.0	14,000	700	700	35.0	35.0	24,500
Emmons	---	---	---	---	---	200	200	30.0	30.0	6,000
Grant	100	100	30.0	30.0	3,000	100	100	30.0	30.0	3,000
Morton	100	100	30.0	30.0	3,000	---	---	---	---	---
Sioux	200	200	30.0	30.0	6,000	---	---	---	---	---
Dickey	200	200	50.0	50.0	10,000	200	200	35.0	35.0	7,000
LaMoure	200	200	25.0	25.0	5,000	200	200	35.0	35.0	7,000
Logan	100	100	20.0	20.0	2,000	---	---	---	---	---
Ransom	---	---	---	---	---	1,000	1,000	45.0	45.0	45,000
Sargent	---	---	---	---	---	400	400	40.0	40.0	16,000
STATE	9,800	8,800	35.6	39.6	348,400	10,700	10,700	45.6	45.6	488,000

IRRIGATION CONT.

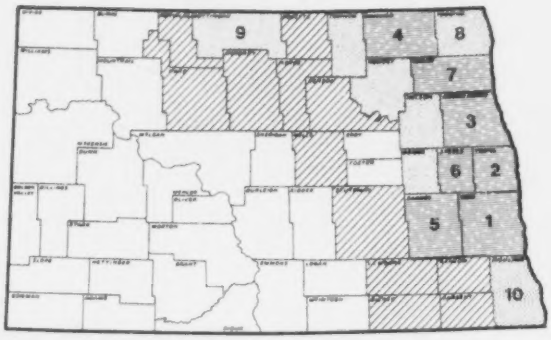
ALL WHEAT AND BARLEY: Acreage, Yield and Production
for Irrigation by Counties, North Dakota, 1980 (Revised) and 1981 (Preliminary)

County	1980 Irrigated					1981 Irrigated				
	Acres Planted	Acres Harvested	Yield per Acre		Production	Acres Planted	Acres Harvested	Yield per Acre		Production
			Pltd.	Harv.				Pltd.	Harv.	
	(Acres)	(Acres)	(Bu.)	(Bu.)	(Bu.)	(Acres)	(Acres)	(Bu.)	(Bu.)	(Bu.)
					ALL WHEAT					
Divide	700	700	40.0	40.0	28,000	2,000	2,000	54.0	54.0	108,000
Ward	500	500	29.0	29.0	14,500	400	400	45.0	45.0	18,000
Williams	3,100	3,100	40.2	40.2	124,500	3,500	3,500	49.1	49.1	172,000
Benson	1,000	1,000	38.0	38.0	38,000	500	500	37.0	37.0	18,500
McHenry	400	400	26.0	26.0	10,400	200	200	40.0	40.0	8,000
Pierce	---	---	---	---	---	100	100	40.0	40.0	4,000
Grand Forks	300	300	50.0	50.0	15,000	200	200	50.0	50.0	10,000
Nelson	---	---	---	---	---	200	200	40.0	40.0	8,000
Pembina	200	200	50.0	50.0	10,000	---	---	---	---	---
Dunn	---	---	---	---	---	100	100	40.0	40.0	4,000
McKenzie	4,000	3,700	41.6	45.0	166,500	4,300	4,300	55.0	55.0	236,500
McLean	2,300	2,200	30.5	31.9	70,100	1,600	1,600	45.0	45.0	72,000
Mercer	200	100	12.5	25.0	2,500	300	300	40.0	40.0	12,000
Oliver	---	---	---	---	---	100	100	40.0	40.0	4,000
Eddy	---	---	---	---	---	200	200	30.0	30.0	6,000
Foster	1,200	800	11.0	16.5	13,200	1,100	1,100	35.0	35.0	38,500
Kidder	500	500	36.6	36.6	18,300	300	300	35.0	35.0	10,500
Stutsman	200	---	---	---	---	200	200	35.0	35.0	7,000
Barnes	700	500	20.0	28.0	14,000	100	100	45.0	45.0	4,500
Cass	1,100	900	39.3	48.0	43,200	1,300	1,300	48.8	48.8	63,500
Griggs	900	900	34.7	34.7	31,200	500	500	39.0	39.0	19,500
Steele	---	---	---	---	---	200	200	50.0	50.0	10,000
Traill	300	300	50.0	50.0	15,000	---	---	---	---	---
Burleigh	400	400	35.0	35.0	14,000	700	700	35.0	35.0	24,500
Emmons	---	---	---	---	---	200	200	30.0	30.0	6,000
Grant	100	100	30.0	30.0	3,000	100	100	30.0	30.0	3,000
Morton	100	100	30.0	30.0	3,000	---	---	---	---	---
Sioux	200	200	30.0	30.0	6,000	---	---	---	---	---
Dickey	700	700	46.4	46.4	32,500	600	600	41.7	41.7	25,000
LaMoure	500	500	32.8	32.8	16,400	600	600	35.0	35.0	21,000
Ransom	100	100	20.0	20.0	2,000	1,100	1,100	44.5	44.5	49,000
Sargent	---	---			---	400	400	40.0	40.0	16,000
STATE	19,700	18,200	35.1	38.0	691,300	21,100	21,100	46.4	46.4	979,000
					BARLEY					
Ward	---	---	---	---	---	100	100	45.0	45.0	4,500
Williams	400	300	37.5	50.0	15,000	100	100	40.0	40.0	4,000
Benson	100	100	65.0	65.0	6,500	100	100	50.0	50.0	5,000
Rolette	---	---	---	---	---	100	100	60.0	60.0	6,000
McKenzie	200	200	80.0	80.0	16,000	400	400	76.0	76.0	30,400
McLean	400	400	90.0	90.0	36,000	400	400	75.0	75.0	30,000
Mercer	100	100	60.0	60.0	6,000	---	---	---	---	---
Oliver	100	100	80.0	80.0	8,000	100	100	65.0	65.0	6,500
Eddy	---	---	---	---	---	300	300	75.0	75.0	22,500
Kidder	200	200	50.0	50.0	10,000	100	100	70.0	70.0	7,000
Wells	---	---	---	---	---	400	400	73.8	73.8	29,500
Barnes	---	---	---	---	---	100	100	80.0	80.0	8,000
Griggs	100	100	100.0	100.0	10,000	---	---	---	---	---
Traill	100	100	100.0	100.0	10,000	---	---	---	---	---
Burleigh	200	200	70.0	70.0	14,000	100	100	75.0	75.0	7,500
Emmons	400	300	25.0	33.3	10,000	200	200	60.0	60.0	12,000
Grant	---	---	---	---	---	100	100	50.0	50.0	5,000
Morton	100	100	70.0	70.0	7,000	200	200	60.0	60.0	12,000
Sioux	100	100	20.0	20.0	2,000	---	---	---	---	---
Dickey	500	500	90.0	90.0	45,000	900	900	89.0	89.0	80,100
Ransom	200	200	60.0	60.0	12,000	200	200	88.0	88.0	17,600
Sargent	---	---	---	---	---	200	200	85.0	85.0	17,000
STATE	3,200	3,000	64.8	69.2	207,500	4,100	4,100	74.3	74.3	304,600

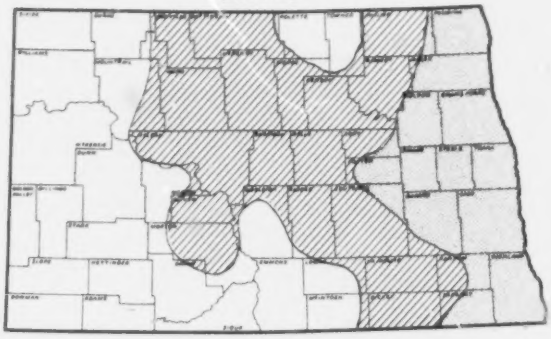
BARLEY: Acreage, Yield and Production by Counties, North Dakota, 1981 (Preliminary)

District and County	Acres Planted	Acres Harvested	Yield per Acre		Production
			Plted.	Harv.	
	(Acres)	(Acres)	(Bu.)	(Bu.)	(Bu.)
Burke	13,000	12,400	31.5	33.0	409,000
Divide	10,000	9,800	34.3	35.0	343,000
Mountrail	11,000	9,900	34.2	38.0	376,000
Renville	40,000	39,500	38.5	39.0	1,540,000
Ward	35,000	34,300	47.0	48.0	1,646,000
Williams	11,000	10,100	35.4	38.5	389,000
Northwest	120,000	116,000	39.2	40.5	4,703,000
Benson	44,000	42,300	39.0	40.5	1,714,000
Bottineau	90,000	89,500	42.3	42.5	3,808,000
McHenry	30,000	29,800	46.7	47.0	1,400,000
Pierce	34,000	33,600	42.5	43.0	1,446,000
Rolette	47,000	45,800	37.1	38.0	1,742,000
North Central	245,000	241,000	41.3	42.0	10,110,000
Cavalier	200,000	195,000	38.0	39.0	7,608,000
Grand Forks	175,000	170,000	54.4	55.0	9,342,000
Nelson	55,000	54,000	51.0	51.0	2,752,000
Pembina	70,000	68,000	54.8	56.5	3,839,000
Ramsey	65,000	64,000	41.3	42.0	2,687,000
Towner	80,000	78,000	33.1	34.0	2,649,000
Walsh	105,000	103,000	49.0	50.0	5,145,000
Northeast	750,000	732,000	45.4	46.5	34,022,000
Dunn	7,000	6,900	31.6	32.0	221,000
McKenzie	13,000	12,800	31.5	32.0	409,000
McLean	15,000	14,900	43.7	44.0	655,000
Mercer	3,400	3,300	32.1	33.0	109,000
Oliver	6,600	6,600	45.0	45.0	297,000
West Central	45,000	44,500	37.6	38.0	1,691,000
Eddy	9,000	8,900	46.4	47.0	418,000
Foster	11,000	10,900	50.5	51.0	556,000
Kidder	10,000	9,900	38.6	39.0	386,000
Sheridan	16,000	15,800	43.4	44.0	695,000
Stutsman	38,000	37,700	46.6	47.0	1,772,000
Wells	36,000	35,800	45.8	46.0	1,647,000
Central	120,000	119,000	45.6	46.0	5,474,000
Barnes	140,000	139,000	49.6	50.0	6,950,000
Cass	220,000	219,000	57.7	58.0	12,697,000
Griggs	50,000	49,500	51.5	52.0	2,574,000
Steele	100,000	99,000	52.5	53.0	5,247,000
Traill	150,000	149,500	63.8	64.0	9,568,000
East Central	660,000	656,000	56.1	56.5	37,036,000
Adams	4,000	3,500	17.5	20.0	70,000
Billings	1,600	1,200	15.0	20.0	24,000
Bowman	10,500	7,300	14.6	21.0	153,000
Golden Valley	5,500	4,500	27.8	34.0	153,000
Hettinger	10,000	9,800	32.3	33.0	323,000
Slope	8,000	7,700	32.8	34.0	262,000
Stark	8,400	6,500	20.1	26.0	169,000
Southwest	48,000	40,500	24.0	28.5	1,154,000
Burleigh	11,000	10,000	29.1	32.0	320,000
Emmons	6,000	5,500	32.5	35.5	195,000
Grant	11,000	9,500	22.5	26.0	247,000
Morton	22,000	18,500	33.2	39.5	731,000
Sioux	2,000	1,500	18.0	24.0	36,000
South Central	52,000	45,000	29.4	34.0	1,529,000
Dickey	35,000	34,500	42.4	43.0	1,485,000
LaMoure	30,000	29,500	41.3	42.0	1,240,000
Logan	7,500	7,200	34.5	36.0	259,000
McIntosh	8,500	7,800	32.1	35.0	273,000
Ransom	36,000	35,000	45.7	47.0	1,646,000
Richland	63,000	62,500	55.6	56.0	3,503,000
Sargent	30,000	29,500	49.2	50.0	1,475,000
Southeast	210,000	206,000	47.1	48.0	9,881,000
STATE	2,250,000	2,200,000	46.9	48.0	105,600,000

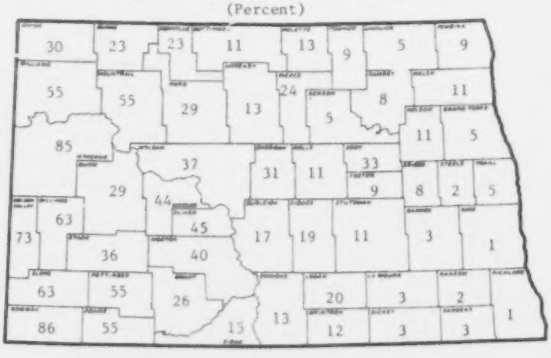
BARLEY, 1981 - Production by Counties
(Rank of First Ten Counties Shown)



BARLEY, 1981 - Yield per Harvested Acre
(Bushels)



BARLEY - 1981
Percent Planted on Summer Fallow
(Percent)



BARLEY: Acreage, Yield and Production by Counties,
North Dakota, 1980 (Revised) and 5-Year Average, 1976-80

District and County	1980					5-Year Average, 1976-80 1/				
	Acres Planted	Acres Harvested	Yield per Acre		Production	Acres Planted	Acres Harvested	Yield per Acre		Production
			Pltd.	Harv.				Pltd.	Harv.	
	(Acres)	(Acres)	(Bu.)	(Bu.)	(Bu.)	(Acres)	(Acres)	(Bu.)	(Bu.)	(Bu.)
Burke	12,500	6,500	12.3	23.7	154,000	16,000	14,100	29.0	32.6	482,300
Divide	5,700	4,000	13.2	18.8	75,000	9,900	9,100	29.7	32.3	314,500
Mountrail	7,200	5,600	23.5	30.2	169,000	10,400	9,800	32.6	34.6	350,000
Renville	37,000	29,000	14.1	18.0	523,000	34,800	32,700	31.5	32.8	1,094,700
Ward	31,000	22,000	17.0	24.0	527,000	36,300	34,100	34.6	36.4	1,294,400
Williams	6,600	3,900	12.4	21.0	82,000	9,500	8,600	29.6	32.9	292,900
Northwest	100,000	71,000	15.3	21.5	1,530,000	116,900	108,400	31.8	33.8	3,828,800
Benson	38,500	29,000	18.1	24.0	697,000	62,100	57,800	31.1	33.3	1,944,000
Bottineau	93,000	76,000	19.0	23.3	1,768,000	90,500	81,800	29.7	32.3	2,702,700
McHenry	28,500	19,000	14.6	21.9	416,000	27,200	23,800	30.0	33.0	803,900
Pierce	26,000	17,500	16.3	24.2	424,000	33,300	30,700	30.3	32.7	1,010,500
Rolette	44,000	33,500	20.2	26.6	890,000	48,600	45,300	36.5	38.6	1,783,500
North Central	230,000	175,000	18.2	24.0	4,195,000	261,600	239,500	31.4	33.9	8,244,700
Cavalier	155,000	140,000	39.9	44.2	6,190,000	185,600	179,900	43.8	45.3	8,149,300
Grand Forks	140,000	110,000	23.6	30.0	3,300,000	146,200	138,900	41.2	42.8	5,986,500
Nelson	29,000	26,000	21.3	23.7	617,000	57,100	55,500	32.4	33.4	1,884,500
Pembina	55,000	45,500	31.6	38.2	1,738,000	76,300	73,500	47.4	49.2	3,637,700
Ramsey	56,000	41,500	24.4	32.9	1,364,000	92,500	86,200	35.5	38.6	3,304,300
Towner	73,000	61,000	24.8	29.7	1,813,000	93,800	88,800	37.0	39.3	3,506,000
Walsh	82,000	56,000	22.2	32.5	1,818,000	111,500	104,100	41.0	43.9	4,654,800
Northeast	590,000	480,000	28.5	35.1	16,840,000	763,100	726,800	40.5	42.7	31,123,000
Dunn	7,900	1,900	5.1	21.1	40,000	8,900	7,100	27.3	32.5	248,400
McKenzie	7,000	3,100	11.0	24.8	77,000	9,900	8,300	29.8	35.2	315,000
McLean	7,100	5,800	16.8	20.5	119,000	13,100	12,500	34.1	35.7	472,900
Mercer	4,000	1,300	6.5	20.0	26,000	4,200	3,200	23.9	28.6	99,600
Oliver	7,000	4,900	20.9	29.8	146,000	6,900	5,700	33.7	39.1	227,900
West Central	33,000	17,000	12.4	24.0	408,000	43,000	36,800	30.8	35.2	1,363,800
Eddy	5,000	4,500	32.2	35.8	161,000	11,300	10,600	33.0	35.3	363,800
Foster	6,500	3,600	19.1	34.4	124,000	15,300	13,900	32.8	38.0	523,900
Kidder	11,500	5,900	8.5	16.6	98,000	13,100	10,700	20.1	23.1	269,100
Sheridan	12,500	9,500	15.9	20.9	199,000	14,200	12,500	26.1	28.5	376,200
Stutsman	23,000	17,000	16.3	22.1	376,000	44,000	39,500	31.9	34.9	1,432,700
Wells	34,500	25,500	21.5	29.1	742,000	46,100	39,200	31.8	37.0	1,490,900
Central	93,000	66,000	18.3	25.8	1,700,000	144,000	126,300	30.5	34.4	4,456,700
Barnes	110,000	105,000	28.1	29.4	3,091,000	115,600	112,500	41.4	42.3	4,777,800
Cass	175,000	170,000	41.2	42.4	7,213,000	173,500	170,500	47.9	48.7	8,261,800
Griggs	37,000	30,000	17.7	21.8	655,000	44,200	42,100	34.8	36.1	1,521,900
Steele	83,000	80,000	27.4	28.4	2,274,000	88,200	87,200	42.3	42.7	3,708,900
Traill	125,000	120,000	37.0	38.6	4,627,000	117,900	114,700	50.5	51.8	5,921,800
East Central	530,000	505,000	33.7	35.4	17,860,000	539,500	527,000	45.1	46.0	24,192,200
Adams	9,500	2,300	2.3	9.6	22,000	6,400	4,900	25.9	28.1	149,900
Billings	3,000	1,000	5.7	17.0	17,000	2,200	1,700	24.2	27.7	48,600
Bowman	13,000	4,900	5.8	15.3	75,000	10,100	7,900	24.9	29.1	237,500
Golden Valley	9,500	3,500	8.2	22.3	78,000	7,500	5,600	29.3	35.9	212,700
Hettinger	7,000	3,300	8.0	17.0	56,000	11,500	10,600	30.5	32.9	377,000
Slope	12,500	2,400	3.6	15.5	45,000	8,300	6,000	29.2	33.1	202,700
Stark	8,500	4,100	7.3	15.1	62,000	10,000	8,700	26.8	29.6	274,000
Southwest	63,000	22,000	5.6	16.1	355,000	56,100	45,400	27.5	31.2	1,502,300
Burleigh	9,000	4,500	5.8	11.6	52,000	11,800	8,700	20.2	23.9	233,000
Emmons	9,100	2,600	2.6	9.2	24,000	8,900	7,300	20.7	22.8	181,700
Grant	15,000	4,900	5.0	15.3	75,000	12,100	9,000	21.8	26.6	250,700
Morton	19,000	6,000	7.9	25.2	151,000	20,200	15,900	24.7	30.4	499,700
Sioux	3,900	1,000	2.1	8.0	8,000	3,600	2,700	16.3	18.8	57,500
South Central	56,000	19,000	5.5	16.3	310,000	56,600	43,700	21.9	26.5	1,222,600
Dickey	26,000	25,500	23.3	23.8	606,000	39,200	38,100	32.6	33.4	1,295,900
LaMoure	21,000	19,000	25.8	28.5	541,000	27,400	26,000	34.1	35.7	933,800
Logan	4,700	4,000	15.5	18.3	73,000	4,600	4,300	24.4	26.0	106,600
McIntosh	9,300	5,500	7.5	12.7	70,000	9,600	8,700	24.3	25.7	235,000
Ransom	26,000	24,000	29.0	31.4	754,000	29,100	27,400	36.7	38.8	1,063,800
Richland	42,000	41,500	42.9	43.4	1,800,000	65,600	64,600	40.7	41.3	2,625,200
Sargent	26,000	25,500	36.8	37.6	958,000	31,800	31,200	36.2	36.9	1,123,500
Southeast	155,000	145,000	31.0	33.1	4,802,000	207,200	200,200	35.9	37.1	7,383,800
STATE	1,850,000	1,500,000	25.9	32.0	48,000,000	2,188,000	2,054,000	37.9	40.2	83,318,000

1/ Totals may not add due to rounding.

BARLEY: Acreage, Yield and Production for Summer Fallow and Continuous Cropping by Counties, North Dakota, 1981 (Preliminary) 1/

District and County	Summer Fallow					Continuous Cropping				
	Acres Planted	Acres Harvested	Yield per Acre		Production	Acres Planted	Acres Harvested	Yield per Acre		Production
			Pltd.	Harv.				Pltd.	Harv.	
	(Acres)	(Acres)	(Bu.)	(Bu.)	(Bu.)	(Acres)	(Acres)	(Bu.)	(Bu.)	(Bu.)
Burke	3,000	2,700	26.3	29.3	79,000	10,000	9,700	33.0	34.0	330,000
Divide	3,000	2,900	45.7	47.2	137,000	7,000	6,900	29.4	29.9	206,000
Mountrail	6,000	5,300	37.5	42.5	225,000	5,000	4,600	30.2	32.8	151,000
Renville	9,000	8,900	47.1	47.6	424,000	31,000	30,600	36.0	36.5	1,116,000
Ward	10,000	9,900	49.0	49.5	490,000	24,900	24,300	46.2	47.4	1,151,500
Williams	6,000	5,300	41.2	46.6	247,000	4,900	4,700	28.2	29.4	138,000
Northwest	37,000	35,000	43.3	45.8	1,602,000	82,800	80,800	37.3	38.3	3,092,500
Benson	2,400	2,400	50.4	50.4	121,000	41,500	39,800	38.3	39.9	1,588,000
Bottineau	10,000	9,900	29.3	29.6	293,000	80,000	79,600	43.9	44.2	3,515,000
McHenry	4,000	4,000	48.0	48.0	192,000	26,000	25,800	46.5	46.8	1,208,000
Pierce	8,000	7,900	42.5	43.0	340,000	26,000	25,700	42.5	43.0	1,106,000
Rolette	5,900	5,700	28.6	29.6	169,000	41,000	40,000	38.2	39.2	1,567,000
North Central	30,300	29,900	36.8	37.3	1,115,000	214,500	210,900	41.9	42.6	8,984,000
Cavalier	10,000	10,000	37.4	37.4	374,000	190,000	185,000	38.1	39.1	7,234,000
Grand Forks	8,000	8,000	59.9	59.9	479,000	167,000	162,000	53.1	54.7	8,863,000
Nelson	6,000	5,900	56.3	57.3	338,000	49,000	48,100	49.3	50.2	2,414,000
Pembina	6,000	5,500	53.7	58.5	322,000	64,000	62,500	55.0	56.3	3,517,000
Ramsey	5,000	4,800	36.0	37.5	180,000	60,000	59,200	41.8	42.3	2,507,000
Towner	7,000	6,500	31.6	34.0	221,000	73,000	71,500	33.3	34.0	2,428,000
Walsh	12,000	11,700	53.8	55.1	645,000	93,000	91,300	48.4	49.3	4,500,000
Northeast	54,000	52,400	47.4	48.8	2,559,000	696,000	679,600	45.2	46.3	31,463,000
Dunn	2,000	2,000	23.0	23.0	46,000	5,000	4,900	35.0	35.7	175,000
McKenzie	11,000	10,900	30.5	30.8	335,600	1,600	1,500	26.9	28.7	43,000
McLean	5,600	5,500	45.7	46.5	256,000	9,000	9,000	41.0	41.0	369,000
Mercer	1,500	1,500	34.7	34.7	52,000	1,900	1,800	30.0	31.7	57,000
Oliver	3,000	3,000	47.2	47.2	141,500	3,500	3,500	42.6	42.6	149,000
West Central	23,100	22,900	36.0	36.3	831,100	21,000	20,700	37.8	38.3	793,000
Eddy	3,000	3,000	52.5	52.5	157,500	5,700	5,600	41.8	42.5	238,000
Foster	1,000	1,000	64.0	64.0	64,000	10,000	9,900	49.2	49.7	492,000
Kidder	1,900	1,900	38.9	38.9	74,000	8,000	7,900	38.1	38.6	305,000
Sheridan	5,000	4,900	47.0	48.0	235,000	11,000	10,900	41.8	42.2	460,000
Stutsman	4,000	4,000	58.8	58.8	235,000	34,000	33,700	45.2	45.6	1,537,000
Wells	4,100	4,000	44.6	45.8	183,000	31,500	31,400	45.5	45.7	1,434,500
Central	19,000	18,800	49.9	50.5	948,500	100,200	99,400	44.6	44.9	4,466,500
Barnes	3,900	3,900	35.1	35.1	137,000	136,000	135,000	50.0	50.4	6,805,000
Cass	1,000	1,000	58.0	58.0	58,000	219,000	218,000	57.7	58.0	12,639,000
Griggs	4,000	3,800	47.8	50.3	191,000	46,000	45,700	51.8	52.1	2,383,000
Steele	2,000	2,000	46.5	46.5	93,000	98,000	97,000	52.6	53.1	5,154,000
Traill	7,000	7,000	59.9	59.9	419,000	143,000	142,500	64.0	64.2	9,149,000
East Central	17,900	17,700	50.2	50.7	898,000	642,000	638,200	56.3	56.6	36,130,000
Adams	2,200	1,900	20.9	24.2	46,000	1,800	1,600	13.3	15.0	24,000
Billings	1,000	800	18.0	22.5	18,000	600	400	10.0	15.0	6,000
Bowman	9,000	6,300	15.4	22.1	139,000	1,500	1,000	9.3	14.0	14,000
Golden Valley	4,000	3,700	34.0	36.8	136,000	1,500	800	11.3	21.3	17,000
Hettinger	5,500	5,400	31.1	31.7	171,000	4,500	4,400	33.8	34.5	152,000
Slope	5,000	4,900	36.4	37.1	182,000	3,000	2,800	26.7	28.6	80,000
Stark	3,000	2,500	28.0	33.6	84,000	5,400	4,000	15.7	21.3	85,000
Southwest	29,700	25,500	26.1	30.4	776,000	18,300	15,000	20.7	25.2	378,000
Burleigh	1,900	1,800	30.0	31.7	57,000	9,000	8,100	28.4	31.5	255,500
Emmons	800	800	30.0	30.0	24,000	5,000	4,500	31.8	35.3	159,000
Grant	2,900	2,600	24.1	26.9	70,000	8,000	6,800	21.5	25.3	172,000
Morton	8,800	7,500	32.6	38.3	287,000	13,000	10,800	33.2	40.0	432,000
Sioux	300	300	30.0	30.0	9,000	1,700	1,200	15.9	22.5	27,000
South Central	14,700	13,000	30.4	34.4	447,000	36,700	31,400	28.5	33.3	1,045,500
Dickey	1,100	1,000	38.6	42.5	42,500	33,000	32,600	41.3	41.8	1,362,400
LaMoure	1,000	1,000	44.0	44.0	44,000	29,000	28,500	41.2	42.0	1,196,000
Logan	1,500	1,500	40.0	40.0	60,000	6,000	5,700	33.2	34.9	199,000
McIntosh	1,000	900	30.0	33.3	30,000	7,500	6,900	32.4	35.2	243,000
Ransom	800	800	45.5	45.5	36,400	35,000	34,000	45.5	46.8	1,592,000
Richland	500	500	60.0	60.0	30,000	62,500	62,000	55.6	56.0	3,473,000
Sargent	800	800	53.8	53.8	43,000	29,000	28,500	48.8	49.6	1,415,000
Southeast	6,700	6,500	42.7	44.0	285,900	202,000	198,200	46.9	47.8	9,480,400
STATE	232,400	221,700	40.7	42.7	9,462,500	2,013,500	1,974,200	47.6	48.5	95,832,900

1/ See page 39 for irrigated acres.

BARLEY: Acreage, Yield and Production for Summer Fallow and Continuous Cropping by Counties, North Dakota, 1980 (Revised) 1/

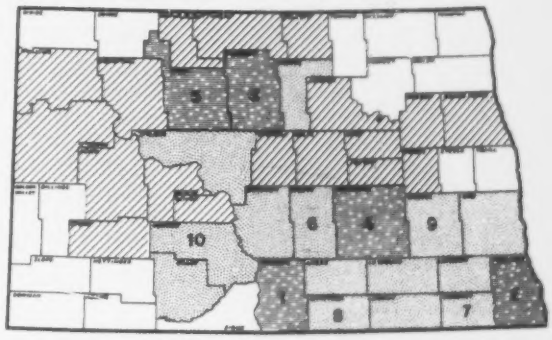
District and County	Summer Fallow					Continuous Cropping				
	Acres Planted	Acres Harvested	Yield per Acre		Production	Acres Planted	Acres Harvested	Yield per Acre		Production
			Pltd.	Harv.				Pltd.	Harv.	
	(Acres)	(Acres)	(Bu.)	(Bu.)	(Bu.)	(Acres)	(Acres)	(Bu.)	(Bu.)	(Bu.)
Burke	4,100	2,300	17.8	31.7	73,000	8,400	4,200	9.6	19.3	81,000
Divide	3,800	2,400	13.4	21.3	51,000	1,900	1,600	12.6	15.0	24,000
Mountrail	5,800	4,900	27.1	32.0	157,000	1,400	700	8.6	17.1	12,000
Renville	7,200	6,300	25.8	29.5	186,000	29,800	22,700	11.3	14.8	337,000
Ward	7,400	5,800	29.5	37.6	218,000	23,600	16,200	13.1	19.1	309,000
Williams	3,700	2,100	11.4	20.0	42,000	2,500	1,500	10.0	16.7	25,000
Northwest	32,000	23,800	22.7	30.5	727,000	67,600	46,900	11.7	16.8	788,000
Benson	3,800	3,200	31.3	37.2	119,000	34,600	25,700	16.5	22.2	571,500
Bottineau	20,500	16,500	18.7	23.3	384,000	72,500	59,500	19.1	23.3	1,384,000
McHenry	3,900	3,500	26.2	29.1	102,000	24,600	15,500	12.8	20.3	314,000
Pierce	4,500	3,700	24.0	29.2	108,000	21,500	13,800	14.7	22.9	316,000
Rolette	4,400	4,000	25.2	27.8	111,000	39,600	29,500	19.7	26.4	779,000
North Central	37,100	30,900	22.2	26.7	824,000	192,800	144,000	17.5	23.4	3,364,500
Cavalier	11,000	10,700	46.6	47.9	513,000	144,000	129,300	39.4	43.9	5,677,000
Grand Forks	5,900	4,400	19.2	25.7	113,000	134,100	105,600	23.8	30.2	3,187,000
Nelson	5,500	4,700	33.8	39.6	186,000	23,500	21,300	18.3	20.2	431,000
Pembina	2,000	1,400	26.5	37.9	53,000	53,000	44,100	31.8	38.2	1,685,000
Ramsey	7,200	5,300	27.1	36.8	195,000	48,800	36,200	24.0	32.3	1,169,000
Towner	14,000	12,500	31.0	34.7	434,000	59,000	48,500	23.4	28.4	1,379,000
Walsh	18,000	12,000	23.6	35.3	424,000	64,000	44,000	21.8	31.7	1,394,000
Northeast	63,600	51,000	30.2	37.6	1,918,000	526,400	429,000	28.3	34.8	14,922,000
Dunn	3,000	1,400	10.3	22.1	31,000	4,900	500	1.8	18.0	9,000
McKenzie	4,900	2,100	9.4	21.9	46,000	1,900	800	7.9	18.8	15,000
McLean	1,700	1,600	18.2	19.4	31,000	5,000	3,800	10.4	13.7	52,000
Mercer	2,000	1,000	8.8	17.6	17,600	1,900	200	1.3	12.0	2,400
Oliver	3,400	2,800	30.6	37.1	104,000	3,500	2,000	9.7	17.0	34,000
West Central	15,000	8,900	15.3	25.8	229,600	17,200	7,300	6.5	15.4	112,400
Eddy	1,300	1,200	40.0	43.3	52,000	3,700	3,300	29.5	33.0	109,000
Foster	1,600	1,600	45.0	45.0	72,000	4,900	2,000	10.6	26.0	52,000
Kidder	2,300	2,300	16.1	16.1	37,000	9,000	3,400	5.7	15.0	51,000
Sheridan	4,200	3,100	16.9	22.9	71,000	8,300	6,400	15.4	20.0	128,000
Stutsman	1,300	900	20.8	30.0	27,000	21,700	16,100	16.1	21.7	349,000
Wells	6,300	4,700	21.7	29.1	137,000	28,200	20,800	21.5	29.1	605,000
Central	17,000	13,800	23.3	28.7	396,000	75,800	52,000	17.1	24.9	1,294,000
Barnes	5,500	4,200	26.7	35.0	147,000	104,500	100,800	28.2	29.2	2,944,000
Cass	5,800	5,700	50.2	51.1	291,000	169,200	164,300	40.9	42.1	6,922,000
Griggs	6,300	5,100	15.1	18.6	95,000	30,600	24,800	18.0	22.2	550,000
Steele	2,200	2,200	35.9	35.9	79,000	80,800	77,800	27.2	28.2	2,195,000
Traill	5,100	4,900	38.4	40.0	196,000	119,800	115,000	36.9	38.4	4,421,000
East Central	24,900	22,100	32.4	36.6	808,000	504,900	482,700	33.7	35.3	17,032,000
Adams	3,800	1,200	3.2	10.0	12,000	5,700	1,100	1.8	9.1	10,000
Billings	2,700	900	5.9	17.8	15,000	300	100	3.3	10.0	1,000
Bowman	10,100	4,000	6.5	16.5	66,000	2,900	900	3.1	10.0	9,000
Golden Valley	7,400	3,200	9.9	22.8	73,000	2,100	300	2.4	16.7	5,000
Hettinger	5,600	2,600	8.2	17.7	46,000	1,400	700	7.1	14.3	10,000
Slope	10,400	2,500	4.1	17.2	43,000	2,100	400	1.0	5.0	2,000
Stark	4,900	2,500	10.2	20.0	50,000	3,600	1,600	3.3	7.5	12,000
Southwest	44,900	16,900	6.8	18.1	306,000	18,100	5,100	2.7	9.6	49,000
Burleigh	1,800	900	6.7	13.3	12,000	7,000	3,400	3.7	7.6	26,000
Emmons	1,700	800	4.1	8.8	7,000	7,000	1,500	1.0	4.7	7,000
Grant	5,000	3,000	9.4	15.7	47,000	10,000	1,900	2.8	14.7	28,000
Morton	7,100	3,100	13.2	30.3	94,000	11,800	2,800	4.2	17.9	50,000
Sioux	1,500	600	2.7	6.7	4,000	2,300	300	.9	6.7	2,000
South Central	17,100	8,400	9.6	19.5	164,000	38,100	9,900	3.0	11.4	113,000
Dickey	2,400	2,400	35.4	35.4	85,000	23,100	22,600	20.6	21.1	476,000
LaMoure	1,900	1,700	26.3	29.4	50,000	19,100	17,300	25.7	28.4	491,000
Logan	900	900	38.9	38.9	35,000	3,800	3,100	10.0	12.3	38,000
McIntosh	1,900	1,400	12.1	16.4	23,000	7,400	4,100	6.4	11.5	47,000
Ransom	1,200	800	21.7	32.5	26,000	24,600	23,000	29.1	31.1	716,000
Richland	2,400	2,400	34.6	34.6	83,000	39,600	39,100	43.4	43.9	1,717,000
Sargent	7,500	7,400	40.5	41.1	304,000	18,500	18,100	35.4	36.1	654,000
Southeast	18,200	17,000	33.3	35.6	606,000	136,100	127,300	30.4	32.5	4,139,000
STATE	269,800	192,800	22.2	31.0	5,978,600	1,577,000	1,304,200	26.5	32.1	41,813,900

1/ See page 39 for irrigated acres.

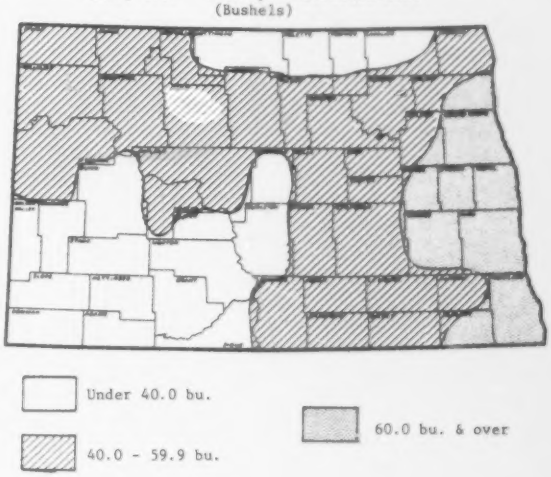
OATS: Acreage, Yield and Production by Counties, North Dakota, 1981 (Preliminary)

District and County	Acres Planted	Acres Harvested	Yield per Acre		Production
			Pltd.	Harv.	
	(Acres)	(Acres)	(Bu.)	(Bu.)	(Bu.)
Burke	10,500	9,800	40.9	43.8	429,000
Divide	10,000	8,200	39.3	47.9	393,000
Mountrail	20,000	15,000	34.0	45.3	679,000
Renville	21,000	19,500	45.5	49.0	955,000
Ward	36,000	32,000	48.4	54.4	1,741,000
Williams	17,500	15,500	42.6	48.1	746,000
Northwest	115,000	100,000	43.0	49.4	4,943,000
Benson	15,000	14,000	41.3	44.3	620,000
Bottineau	21,000	18,000	31.9	37.2	669,000
McHenry	47,000	40,000	39.9	46.9	1,874,000
Pierce	30,000	27,500	41.7	45.5	1,252,000
Rolette	17,000	15,500	33.6	36.9	572,000
North Central	130,000	115,000	38.4	43.4	4,987,000
Cavalier	5,500	5,100	33.1	35.7	182,000
Grand Forks	13,500	12,500	59.0	63.8	797,000
Nelson	8,800	8,500	56.9	58.9	501,000
Pembina	4,000	3,000	33.5	44.7	134,000
Ramsey	5,400	4,500	38.9	46.7	210,000
Towner	4,000	3,800	32.8	34.5	131,000
Walsh	7,800	7,600	58.7	60.3	458,000
Northeast	49,000	45,000	49.2	53.6	2,413,000
Dunn	35,000	20,500	19.9	34.0	696,000
McKenzie	25,000	14,500	23.5	40.6	588,000
McLean	32,000	28,500	38.0	42.6	1,215,000
Mercer	28,500	22,000	34.9	45.2	994,000
Oliver	24,500	19,500	30.9	38.8	756,000
West Central	145,000	105,000	29.3	40.5	4,249,000
Eddy	13,500	12,000	43.2	48.6	583,000
Foster	12,000	11,000	53.5	58.4	642,000
Kidder	39,000	34,000	38.1	43.6	1,484,000
Sheridan	23,000	21,000	36.0	39.5	829,000
Stutsman	38,000	34,500	47.0	51.8	1,786,000
Wells	14,500	12,500	42.7	49.5	619,000
Central	140,000	125,000	42.5	47.5	5,943,000
Barnes	23,500	22,500	58.6	61.2	1,378,000
Cass	19,000	17,500	69.6	75.5	1,322,000
Griggs	12,000	11,000	57.2	62.4	686,000
Steele	4,600	4,500	59.6	60.9	274,000
Traill	6,900	6,500	67.8	72.0	468,000
East Central	66,000	62,000	62.5	66.6	4,128,000
Adams	16,000	7,300	12.8	27.9	204,000
Billings	14,000	3,600	6.9	26.9	97,000
Bowman	23,000	12,700	13.2	23.9	304,000
Golden Valley	11,500	8,500	21.7	29.4	250,000
Hettinger	17,000	10,500	24.1	39.0	410,000
Slope	12,000	7,900	21.1	32.0	253,000
Stark	41,500	27,500	20.6	31.0	853,000
Southwest	135,000	78,000	17.6	30.4	2,371,000
Burleigh	39,000	28,500	25.9	35.5	1,011,000
Emmons	56,000	44,500	35.0	44.1	1,962,000
Grant	45,500	28,500	22.9	36.5	1,040,000
Morton	62,000	39,000	22.0	35.0	1,365,000
Sioux	17,500	9,500	19.9	36.6	348,000
South Central	220,000	150,000	26.0	38.2	5,726,000
Dickey	32,000	28,500	38.6	43.4	1,236,000
LaMoure	29,500	26,000	40.5	45.9	1,194,000
Logan	30,000	24,000	38.5	48.1	1,154,000
McIntosh	33,500	29,500	41.3	46.9	1,383,000
Ransom	23,000	21,500	50.3	53.8	1,156,000
Richland	28,000	27,500	67.3	68.5	1,885,000
Sargent	24,000	23,000	58.0	60.5	1,392,000
Southeast	200,000	180,000	47.0	52.2	9,400,000
STATE	1,200,000	960,000	36.8	46.0	44,160,000

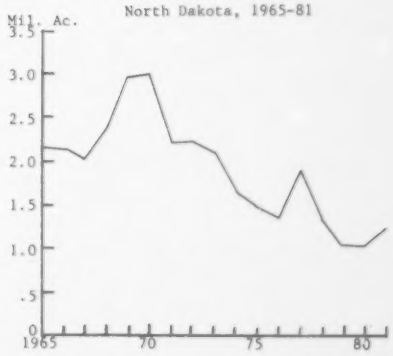
OATS, 1981 - Production by Counties
(Rank of First Ten Counties Shown)



OATS, 1981 - Yield per Harvested Acre
(Bushels)



OATS PLANTED ACRES
North Dakota, 1965-81



OATS: Acreage, Yield and Production by Counties,
North Dakota, 1980 (Revised) and 5-Year Average, 1976-80

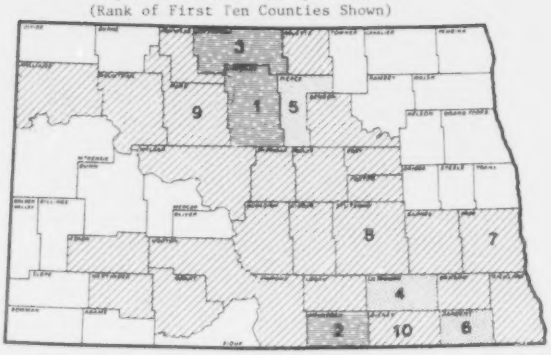
District and County	1980					5-Year Average, 1976-80 1/				
	Acres Planted	Acres Harvested	Yield per Acre		Production	Acres Planted	Acres Harvested	Yield per Acre		Production
			Pltd.	Harv.				Pltd.	Harv.	
	(Acres)	(Acres)	(Bu.)	(Bu.)	(Bu.)	(Acres)	(Acres)	(Bu.)	(Bu.)	(Bu.)
Burke	6,500	6,200	30.3	31.8	197,000	12,500	11,400	38.5	42.4	509,700
Divide	10,000	7,800	30.3	38.8	303,000	12,300	10,400	36.3	44.2	447,800
Mountrail	15,000	7,800	16.3	31.4	245,000	21,800	17,300	31.3	39.6	710,100
Renville	17,000	12,200	21.9	30.6	373,000	20,700	18,700	37.1	40.8	782,500
Ward	34,500	20,900	15.4	25.5	532,000	43,600	38,300	38.5	43.2	1,684,000
Williams	11,000	5,100	16.7	36.1	184,000	18,200	14,000	32.0	42.7	606,700
Northwest	94,000	60,000	19.5	30.6	1,834,000	129,200	110,200	35.8	42.3	4,740,800
Benson	10,600	7,900	28.8	38.6	305,000	18,800	15,700	30.1	36.1	557,900
Bottineau	12,000	9,100	23.8	31.3	285,000	23,100	21,500	35.5	39.4	873,900
McHenry	35,500	23,000	17.9	27.7	636,000	48,900	40,000	29.9	36.0	1,444,000
Pierce	27,900	23,000	27.7	33.7	774,000	32,600	27,700	29.9	35.6	972,700
Rolette	12,000	7,000	22.4	38.4	269,000	15,100	13,300	32.2	37.3	502,700
North Central	98,000	70,000	23.2	32.4	2,269,000	138,500	118,100	31.4	37.1	4,351,100
Cavalier	3,000	2,000	30.0	45.0	90,000	10,000	9,200	36.5	43.0	390,600
Grand Forks	10,300	7,300	25.5	36.0	263,000	16,000	14,800	45.6	50.3	747,400
Nelson	7,800	5,000	16.9	26.4	132,000	15,200	12,900	30.7	36.3	459,100
Pembina	2,400	1,300	28.8	53.1	69,000	6,400	6,000	45.3	52.1	317,600
Ramsey	2,500	2,000	30.0	37.5	75,000	5,900	5,300	38.7	42.6	232,100
Towner	2,300	1,100	17.4	36.4	40,000	6,000	5,100	31.0	39.5	201,800
Walsh	5,700	4,300	26.5	35.1	151,000	12,400	11,500	41.4	46.8	538,600
Northeast	34,000	23,000	24.1	35.7	820,000	72,000	64,700	38.4	44.1	2,887,200
Dunn	35,500	2,600	1.6	21.9	57,000	38,500	23,400	25.9	38.5	1,015,800
McKenzie	22,000	2,800	3.1	24.3	68,000	25,800	13,500	22.3	39.4	589,700
McLean	32,500	19,400	14.7	24.6	478,000	39,200	31,600	33.8	40.9	1,343,200
Mercer	26,500	6,300	4.2	17.5	110,000	26,800	17,900	28.2	38.0	741,000
Oliver	28,500	7,900	7.4	26.6	210,000	23,300	14,900	29.0	40.2	647,100
West Central	145,000	39,000	6.4	23.7	923,000	153,500	101,400	28.2	39.7	4,336,800
Eddy	11,500	10,700	31.6	33.9	363,000	17,600	15,600	31.7	35.2	542,300
Foster	11,000	8,500	30.3	39.2	333,000	12,300	10,700	35.4	41.0	424,400
Kidder	34,500	9,800	5.7	20.0	196,000	40,700	28,500	23.0	29.8	920,200
Sheridan	17,000	7,300	10.5	24.4	178,000	23,600	16,700	26.5	36.5	643,000
Stutsman	32,500	16,400	12.0	23.8	390,000	45,400	36,900	36.1	42.4	1,611,700
Wells	13,500	6,300	14.8	31.7	200,000	20,200	13,800	25.1	38.1	522,700
Central	120,000	59,000	13.8	28.1	1,660,000	159,700	122,200	29.4	37.5	4,664,200
Barnes	18,000	12,800	19.1	26.8	343,000	29,300	26,900	42.4	45.8	1,292,400
Cass	12,500	12,200	43.4	44.4	542,000	24,500	23,700	57.2	59.1	1,454,700
Griggs	7,800	5,900	30.3	40.0	236,000	14,200	12,600	34.5	39.6	483,800
Steele	2,400	2,300	36.3	37.8	87,000	8,200	7,900	47.4	49.2	396,300
Traill	3,300	2,800	43.3	51.1	143,000	10,200	9,500	55.3	59.8	593,100
East Central	44,000	36,000	30.7	37.5	1,351,000	86,400	80,700	47.0	50.6	4,220,300
Adams	14,000	1,900	1.4	10.5	20,000	17,400	10,700	23.5	34.2	424,400
Billings	10,500	1,200	2.2	19.2	23,000	10,500	6,100	27.7	42.7	287,600
Bowman	31,500	3,300	2.8	26.7	88,000	27,600	16,600	21.4	32.9	567,400
Golden Valley	9,000	2,200	4.3	17.7	39,000	10,600	7,000	26.4	36.8	300,800
Hettinger	14,500	4,600	5.7	17.8	82,000	19,200	14,700	32.5	40.1	628,800
Slope	9,500	1,900	5.6	27.9	53,000	10,500	6,600	25.2	37.4	258,000
Stark	36,000	6,900	2.6	13.6	94,000	43,800	30,500	27.3	35.7	1,231,900
Southwest	125,000	22,000	3.2	18.1	399,000	139,600	92,100	26.1	36.5	3,698,800
Burleigh	30,000	6,600	6.5	29.7	196,000	42,800	27,600	25.3	37.9	1,150,400
Emmons	56,000	4,200	1.2	15.5	65,000	54,600	33,300	22.8	32.3	1,259,300
Grant	43,500	9,400	4.5	20.7	195,000	41,000	27,000	24.2	33.5	967,400
Morton	58,000	6,900	2.5	21.3	147,000	57,200	34,200	25.9	38.3	1,483,100
Sioux	17,500	3,900	2.3	10.5	41,000	14,200	8,900	21.5	28.9	294,000
South Central	205,000	31,000	3.1	20.8	644,000	209,800	131,200	24.4	35.3	5,154,100
Dickey	26,500	16,000	16.7	27.6	442,000	37,300	33,700	38.4	41.9	1,482,600
LaMoure	26,500	18,500	18.0	25.8	477,000	40,600	34,600	38.2	43.8	1,577,200
Logan	33,000	10,500	4.7	14.7	154,000	32,500	23,700	27.7	35.2	899,800
McIntosh	31,500	8,000	2.9	11.5	92,000	34,400	25,900	28.2	33.5	960,100
Ransom	20,000	16,000	27.7	34.6	554,000	28,600	25,400	44.6	49.2	1,293,800
Richland	28,000	23,000	40.0	48.7	1,120,000	38,800	37,000	53.9	56.7	2,154,000
Sargent	19,500	18,000	39.0	42.3	761,000	27,000	25,000	42.6	46.6	1,167,200
Southeast	185,000	110,000	19.5	32.7	3,600,000	239,200	205,400	39.0	44.9	9,534,700
STATE	1,050,000	450,000	12.9	30.0	13,500,000	1,328,000	1,026,000	32.2	41.2	43,588,000

1/ Totals may not add due to rounding.

RYE: Acreage, Yield and Production by Counties
North Dakota, 1981 (Preliminary)

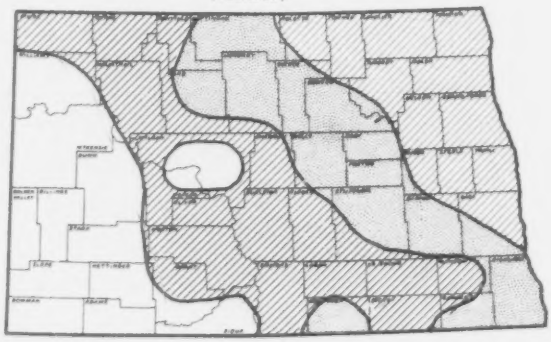
District and County	Acres Planted	Acres Harvested	Yield per Acre		Production
			Pltd.	Harv.	
	(Acres)	(Acres)	(Bu.)	(Bu.)	(Bu.)
Burke	1,000	700	16.9	24.1	16,900
Divide	100	100	24.0	24.0	2,400
Mountrail	1,700	1,700	23.5	23.5	39,900
Renville	1,500	1,100	20.4	27.8	30,600
Ward	2,200	2,200	38.0	38.0	83,500
Williams	3,000	2,200	16.6	22.6	49,700
Northwest	9,500	8,000	23.5	27.9	223,000
Benson	1,000	800	30.0	37.5	30,000
Bottineau	8,500	6,700	32.8	41.6	278,900
McHenry	7,600	7,600	40.0	40.0	304,200
Pierce	2,900	2,900	37.3	37.3	108,300
Rolette	1,500	1,500	31.1	31.1	46,600
North Central	21,500	19,500	35.7	39.4	768,000
Cavalier	300	200	19.3	29.0	5,800
Grand Forks	500	400	23.0	28.8	11,500
Nelson	300	300	25.7	25.7	7,700
Pembina	700	600	24.7	28.8	17,300
Ramsey	100	100	28.0	28.0	2,800
Towner	100	100	28.0	28.0	2,800
Walsh	500	400	23.0	28.8	11,500
Northeast	2,500	2,100	23.8	28.3	59,400
Dunn	100	100	21.0	21.0	2,100
McKenzie	700	600	15.7	18.3	11,000
McLean	2,500	2,400	17.9	18.7	44,800
Mercer	500	400	18.4	23.0	9,200
Oliver	200	100	12.5	25.0	2,500
West Central	4,000	3,600	17.4	19.3	69,600
Eddy	1,700	1,400	29.2	35.5	49,700
Foster	1,500	1,300	35.9	41.4	53,800
Kidder	2,000	2,000	27.7	27.7	55,400
Sheridan	1,500	1,300	25.9	29.8	38,800
Stutsman	2,100	2,100	41.1	41.1	86,300
Wells	700	600	32.6	38.0	22,800
Central	9,500	8,700	32.3	35.3	306,800
Barnes	2,000	1,700	31.5	37.1	63,000
Cass	3,700	2,900	24.2	30.9	89,500
Griggs	300	200	15.3	23.0	4,600
Steele	400	300	23.0	30.7	9,200
Traill	100	100	30.0	30.0	3,000
East Central	6,500	5,200	26.0	32.6	169,300
Adams	1,200	600	9.9	19.8	11,900
Billings	200	200	20.0	20.0	4,000
Bowman	400	300	15.0	20.0	6,000
Golden Valley	100	100	19.0	19.0	1,900
Hettinger	2,000	2,000	15.7	15.7	31,400
Slope	900	900	19.2	19.2	17,300
Stark	1,200	1,200	20.9	20.9	25,100
Southwest	6,000	5,300	16.3	18.4	97,600
Burleigh	1,100	1,100	25.3	25.3	27,800
Emmons	1,100	1,000	27.6	30.4	30,400
Grant	1,800	1,300	21.7	30.1	39,100
Morton	800	800	32.6	32.6	26,100
Sioux	700	400	11.6	20.3	8,100
South Central	5,500	4,600	23.9	28.6	131,500
Dickey	2,600	2,600	28.1	28.1	73,000
LaMoure	7,000	6,300	23.7	26.3	166,000
Logan	1,000	800	22.7	28.4	22,700
McIntosh	8,400	7,500	33.9	38.0	284,700
Ransom	1,500	1,500	24.9	24.9	37,400
Richland	1,500	1,500	33.5	33.5	50,300
Sargent	3,000	2,800	33.6	36.0	100,700
Southeast	25,000	23,000	29.4	31.9	734,800
STATE	90,000	80,000	28.4	32.0	2,560,000

RYE, 1981 - Production by Counties
(Rank of First Ten Counties Shown)



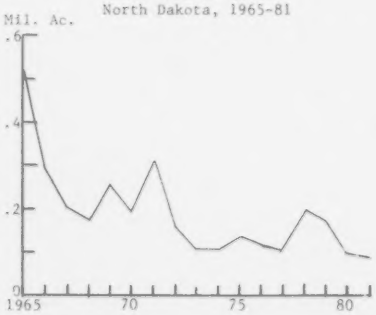
Under 20,000 bu.
20,000-99,999 bu.
100,000-199,999 bu.
200,000 bu. & over

RYE, 1981 - Yield per Harvested Acre
(Bushels)



Under 23.0 bu.
23.0 - 32.9 bu.
33.0 bu. & over

RYE PLANTED ACRES
North Dakota, 1965-81



RYE: Acreage, Yield and Production by Counties,
North Dakota, 1980 (Revised) and 5-Year Average, 1976-80

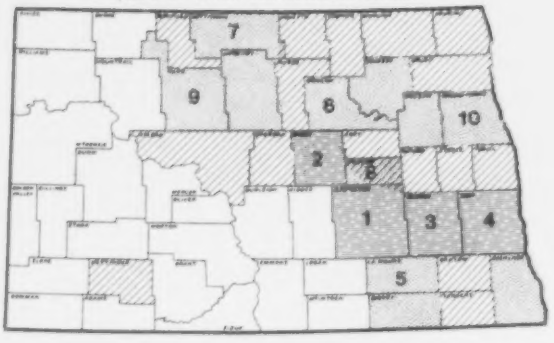
District and County	1980					5-Year Average, 1976-80 1/				
	Acres Planted	Acres Harvested	Yield per Acre		Production	Acres Planted	Acres Harvested	Yield per Acre		Production
			Pltd.	Harv.				Pltd.	Harv.	
	(Acres)	(Acres)	(Bu.)	(Bu.)	(Bu.)	(Acres)	(Acres)	(Bu.)	(Bu.)	(Bu.)
Burke	1,500	1,200	15.4	19.3	23,100	1,600	1,400	19.4	23.3	33,000
Divide	200	100	8.5	17.0	1,700	800	700	17.4	22.4	15,300
Mountrail	600	400	11.7	17.5	7,000	1,500	1,200	20.3	24.1	32,100
Renville	1,500	700	8.1	17.3	12,100	2,900	2,300	19.6	24.1	56,800
Ward	2,700	1,900	11.0	15.7	29,800	3,200	2,900	20.8	23.4	74,500
Williams	800	500	10.9	17.4	8,700	2,600	2,100	19.4	24.8	59,400
Northwest	7,300	4,800	11.3	17.2	82,400	12,700	10,500	19.8	23.9	271,000
Benson	1,100	500	8.4	18.4	9,200	2,100	1,800	17.4	22.0	41,100
Bottineau	8,000	5,800	14.4	19.8	115,100	9,600	8,100	21.3	25.4	208,400
McHenry	6,900	5,400	10.5	13.4	72,500	10,600	8,400	17.2	21.8	187,100
Pierce	2,000	1,500	16.1	21.5	32,200	3,700	3,000	16.6	21.1	67,100
Rolette	2,400	1,000	5.5	13.3	13,300	2,500	2,000	18.4	22.9	43,900
North Central	20,400	14,200	11.9	17.1	242,300	28,500	23,200	18.6	23.0	547,600
Cavalier	400	200	7.3	14.5	2,900	400	300	21.4	24.0	7,900
Grand Forks	1,300	600	6.6	14.3	8,600	1,800	1,400	22.1	26.6	41,200
Nelson	200	100	7.0	14.0	1,400	200	200	21.4	22.8	3,700
Pembina	1,800	1,100	9.2	15.0	16,500	2,800	2,200	22.6	27.2	64,900
Ramsey	200	100	7.0	14.0	1,400	600	500	21.2	24.2	14,000
Towner	600	300	7.2	14.3	4,300	500	400	19.3	23.1	9,200
Walsh	500	300	8.0	13.3	4,000	300	200	21.4	24.0	4,800
Northeast	5,000	2,700	7.8	14.5	39,100	6,500	5,300	21.8	25.9	145,700
Dunn	200	100	7.0	14.0	1,400	200	200	19.2	20.6	4,900
McKenzie	200	100	7.0	14.0	1,400	400	300	18.8	22.0	8,500
McLean	3,300	2,000	8.3	13.8	27,500	5,400	4,700	22.2	25.0	127,900
Mercer	200	100	7.0	14.0	1,400	100	100	15.5	17.3	1,800
Oliver	100	100	14.0	14.0	1,400	100	100	17.0	17.0	1,400
West Central	4,000	2,400	8.3	13.8	33,100	6,200	5,500	21.7	24.4	144,500
Eddy	3,200	2,000	14.8	23.7	47,400	3,100	2,600	21.5	25.4	68,200
Foster	5,600	3,100	15.7	28.4	87,900	4,500	3,700	26.5	32.4	121,700
Kidder	1,200	1,100	17.2	18.7	20,600	3,300	2,900	18.4	20.5	59,100
Sheridan	3,000	2,800	18.1	19.4	54,400	1,700	1,600	20.3	21.4	33,400
Stutsman	2,900	2,200	18.9	24.9	54,800	7,800	6,700	23.4	28.4	198,700
Wells	2,900	1,200	12.3	29.8	35,700	3,900	3,200	23.1	29.7	100,600
Central	18,800	12,400	16.0	24.3	300,800	24,300	20,600	22.5	27.0	581,700
Barnes	2,800	2,300	11.3	13.8	31,700	2,900	2,600	21.8	25.3	67,900
Cass	9,500	8,800	16.2	17.5	153,800	5,000	4,300	25.9	30.9	114,500
Griggs	400	300	11.8	15.7	4,700	500	400	22.9	25.3	11,100
Steele	300	200	10.3	15.5	3,100	300	200	24.6	27.1	5,900
Traill	100	100	16.0	16.0	1,600	100	100	26.9	26.9	4,000
East Central	13,100	11,700	14.9	16.7	194,900	8,800	7,600	23.8	28.0	203,300
Adams	2,200	1,500	9.2	13.5	20,300	2,100	1,800	23.9	27.2	51,900
Billings	500	100	3.2	16.0	1,600	300	200	18.1	21.8	5,000
Bowman	600	400	10.7	16.0	6,400	900	700	22.0	27.9	20,300
Golden Valley	100	100	16.0	16.0	1,600	300	200	17.2	19.6	3,900
Hettinger	2,700	700	3.5	13.4	9,400	4,100	3,300	16.3	20.0	71,900
Slope	700	200	4.6	16.0	3,200	900	700	17.4	22.6	16,000
Stark	1,800	400	5.5	24.8	9,900	1,400	1,000	19.8	26.8	27,100
Southwest	8,600	3,400	6.1	15.4	52,400	10,000	7,900	19.0	23.3	196,000
Burleigh	1,000	300	3.0	10.0	3,000	1,500	1,200	15.8	19.5	26,200
Emmons	500	200	4.0	10.0	2,000	1,300	1,100	15.5	18.8	25,100
Grant	1,100	400	3.6	10.0	4,000	2,800	2,200	14.8	18.6	45,400
Morton	100	100	10.0	10.0	1,000	600	500	14.1	16.6	10,100
Sioux	300	100	3.3	10.0	1,000	100	100	13.5	15.1	1,500
South Central	3,000	1,100	3.7	10.0	11,000	6,200	5,000	14.9	18.6	108,200
Dickey	2,300	2,000	23.4	26.9	53,800	7,800	6,900	28.4	33.5	229,400
LaMoure	1,800	1,700	34.6	36.6	62,200	10,600	9,500	28.7	32.0	304,200
Logan	500	400	27.0	33.8	13,500	1,000	900	21.2	25.9	21,400
McIntosh	8,700	7,200	19.8	23.9	172,000	4,900	4,200	18.5	22.4	88,800
Ransom	1,700	1,500	26.8	30.4	45,600	4,400	3,900	25.1	29.2	110,300
Richland	1,400	1,300	35.8	38.5	50,100	3,100	2,900	30.6	33.7	94,100
Sargent	3,400	3,200	34.4	36.5	116,800	4,900	4,400	30.6	34.6	150,000
Southeast	19,800	17,300	26.0	29.7	514,000	36,800	32,500	26.6	30.7	998,100
STATE	100,000	70,000	14.7	21.0	1,470,000	140,000	118,200	21.8	26.1	3,196,200

1/ Totals may not add due to rounding.

SUNFLOWER, ALL: Acreage, Yield and Production by Counties, North Dakota, 1981 (Preliminary)

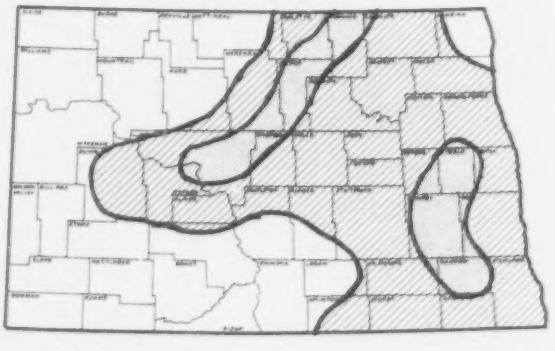
District and County	Acres Planted	Acres Harvested	Yield per Acre		Production
			Pltd.	Harv.	
	(Acres)	(Acres)	(Lbs.)	(Lbs.)	(000 Lbs.)
Burke	18,000	17,900	870	870	15,580
Divide	22,000	21,500	940	960	20,570
Mountrail	17,000	16,800	950	960	16,200
Renville	32,000	31,900	1010	1010	32,170
Ward	99,000	98,900	1080	1080	106,520
Williams	12,000	11,500	760	800	9,160
Northwest	200,000	198,500	1000	1010	200,200
Benson	100,000	99,700	1220	1220	122,010
Bottineau	115,000	112,500	1010	1030	115,800
McHenry	75,000	74,700	1220	1220	91,220
Pierce	59,000	58,900	1300	1310	76,960
Rolette	31,000	30,700	1240	1250	38,410
North Central	380,000	376,500	1170	1180	444,400
Cavalier	40,000	39,900	1250	1250	50,040
Grand Forks	92,000	91,100	1120	1130	102,700
Nelson	71,000	70,400	1250	1270	89,090
Pembina	39,000	37,700	1050	1080	40,880
Ramsey	82,000	81,500	1220	1230	100,070
Towner	38,000	37,900	1350	1360	51,370
Walsh	48,000	47,500	1270	1290	61,150
Northeast	410,000	406,000	1210	1220	495,300
Dunn	4,500	4,400	1090	1110	4,900
McKenzie	3,500	3,500	1090	1090	3,820
McLean	53,000	52,600	1310	1320	69,250
Mercer	4,000	4,000	1240	1240	4,960
Oliver	3,000	3,000	1240	1240	3,720
West Central	68,000	67,500	1270	1280	86,650
Eddy	57,000	56,800	1200	1210	68,670
Foster	84,000	83,400	1280	1290	107,240
Kidder	17,000	17,000	1110	1110	18,850
Sheridan	34,000	33,800	1250	1250	42,350
Stutsman	225,000	223,100	1230	1240	276,850
Wells	173,000	171,400	1260	1270	218,100
Central	590,000	585,500	1240	1250	732,060
Barnes	150,000	149,400	1320	1320	197,460
Cass	125,000	124,000	1220	1230	152,110
Griggs	55,000	54,700	1270	1280	70,010
Steele	55,000	54,700	1380	1390	76,100
Traill	45,000	44,700	1230	1240	55,370
East Central	430,000	427,500	1280	1290	551,050
Adams	13,500	13,500	880	880	11,830
Billings	3,000	3,000	970	970	2,910
Bowman	5,500	5,300	940	980	5,190
Golden Valley	2,200	2,200	920	920	2,020
Hettinger	51,000	50,800	920	920	46,910
Slope	5,000	5,000	1030	1030	5,160
Stark	5,800	5,700	1010	1030	5,880
Southwest	86,000	85,500	930	930	79,900
Burleigh	22,000	21,600	1030	1050	22,670
Emmons	11,500	11,500	980	980	11,280
Grant	19,000	18,900	1020	1020	19,320
Morton	12,500	12,500	1030	1030	12,830
Sioux	1,000	1,000	1000	1000	1,000
South Central	66,000	65,500	1020	1020	67,100
Dickey	82,000	79,900	1160	1190	94,770
LaMoure	105,000	104,500	1190	1200	125,220
Logan	14,000	14,000	1040	1040	14,610
McIntosh	19,000	18,700	1130	1140	21,410
Ransom	57,000	56,500	1310	1320	74,700
Richland	83,000	82,500	1190	1200	98,730
Sargent	60,000	59,400	1200	1210	72,060
Southeast	420,000	415,500	1190	1210	501,500
STATE	2,650,000	2,628,000	1190	1202	3,158,160

ALL SUNFLOWER, 1981 - Production by Counties
(Rank of First Ten Counties Shown)



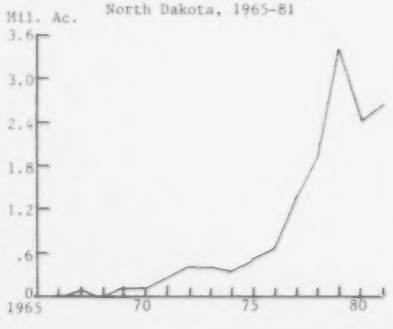
Under 30.0 mil. lbs.
30.0 - 79.9 mil. lbs.
80.0 - 149.9 mil. lbs.
150.0 mil. lbs. & over

ALL SUNFLOWER, 1981 - Yield per Harvested Acre
(Pounds)



Under 1100 lbs.
1100 - 1299 lbs.
1300 lbs. & over

ALL SUNFLOWER PLANTED ACRES
North Dakota, 1965-81



SUNFLOWER, ALL: Acreage, Yield and Production by Counties, North Dakota, 1980 (Revised) and 5-Year Average, 1976-80

District and County	1980					5-Yr. Average, 1976-80 1/				
	Acres Planted	Acres Harvested	Yield per Acre		Production	Acres Planted	Acres Harvested	Yield per Acre		Production
			Plted.	Harv.				Plted.	Harv.	
	(Acres)	(Acres)	(Lbs.)	(Lbs.)	(000 Lbs.)	(Acres)	(Acres)	(Lbs.)	(Lbs.)	(000 Lbs.)
Burke	11,000	9,000	760	930	8,336	6,500	6,000	990	1030	5,600
Divide	11,000	10,500	1140	1200	12,580	6,700	6,600	1070	1080	7,621
Mountrail	10,000	9,600	1020	1070	10,245	7,600	7,500	960	980	7,454
Renville	23,000	22,500	1090	1120	25,144	12,000	11,900	1110	1110	13,148
Ward	66,000	65,000	950	970	62,821	35,700	34,800	1080	1110	37,728
Williams	4,000	3,400	800	950	3,218	8,500	8,300	950	990	8,153
Northwest	125,000	120,000	980	1020	122,344	77,100	75,100	1050	1070	79,704
Benson	72,000	66,000	970	1050	69,590	56,100	53,200	1010	1050	62,441
Bottineau	60,000	57,000	790	830	47,508	54,000	52,700	1040	1060	56,925
McHenry	35,000	33,500	890	930	31,285	20,900	20,600	1080	1090	25,478
Pierce	31,500	29,500	820	870	25,772	17,100	14,700	1340	1430	18,570
Rolette	21,500	19,000	760	860	16,408	12,400	11,900	1020	1040	14,143
North Central	220,000	205,000	870	930	190,563	160,500	153,000	1030	1060	177,557
Cavalier	47,000	38,000	820	1010	38,317	33,500	31,300	1230	1280	42,778
Grand Forks	115,000	112,000	830	850	95,043	115,300	113,500	1190	1220	139,279
Nelson	61,000	59,000	860	890	52,424	50,200	49,400	1020	1040	55,002
Pembina	71,000	66,000	920	990	65,233	59,300	57,600	1300	1330	79,486
Ramsey	71,000	67,000	930	990	66,221	48,300	47,100	1120	1150	57,028
Towner	40,000	35,000	800	920	32,147	25,000	23,900	1110	1150	29,126
Walsh	60,000	53,000	770	870	46,034	58,300	56,600	1150	1180	68,419
Northeast	465,000	430,000	850	920	395,419	390,000	379,300	1190	1220	471,118
Dunn	3,300	2,600	390	500	1,301	3,100	2,900	800	820	2,462
McKenzie	1,900	1,600	840	1000	1,601	2,000	2,000	1050	1080	2,092
McLean	27,000	25,800	1210	1270	32,779	14,100	13,900	1240	1260	19,514
Mercer	3,400	3,000	710	800	2,400	2,200	2,100	880	910	1,856
Oliver	2,400	2,000	750	900	1,801	900	800	930	970	780
West Central	38,000	35,000	1050	1140	39,882	22,300	21,700	1110	1140	26,705
Eddy	47,000	46,000	1170	1200	55,034	45,400	42,200	920	980	42,696
Foster	71,000	55,500	780	1000	55,240	78,800	73,200	990	1060	79,482
Kidder	7,500	7,000	710	760	5,349	6,000	5,800	1010	1030	7,031
Sheridan	20,500	19,500	750	780	15,292	13,500	13,300	970	990	13,230
Stutsman	186,000	175,000	860	910	160,103	130,600	127,600	1050	1070	148,940
Wells	98,000	77,000	790	1010	77,413	79,400	72,000	1060	1150	88,539
Central	430,000	380,000	860	970	368,431	353,800	334,000	1020	1070	379,918
Barnes	155,000	145,000	930	990	143,909	132,400	128,700	1180	1210	160,854
Cass	180,000	175,000	1060	1090	191,228	195,500	192,900	1310	1330	264,186
Griggs	55,000	47,000	790	920	43,348	45,400	43,500	1030	1070	50,805
Steele	64,000	63,000	1020	1030	6[illegible],053	50,400	49,400	1220	1250	67,713
Traill	66,000	65,000	1080	1090	71,027	59,600	58,400	1410	1440	85,674
East Central	520,000	495,000	990	1040	514,565	483,200	473,000	1260	1280	629,231
Adams	9,200	7,500	530	650	4,855	7,500	7,100	780	830	5,787
Billings	2,400	2,300	690	720	1,649	1,100	1,100	870	880	879
Bowman	3,900	3,700	580	610	2,248	2,400	2,400	780	790	1,834
Golden Valley	1,900	1,800	770	820	1,470	1,000	1,000	1050	1060	1,147
Hettinger	46,000	38,500	450	540	20,706	24,800	23,200	830	860	20,590
Slope	4,300	4,100	530	560	2,287	2,900	2,900	900	910	2,731
Stark	4,300	4,100	780	820	3,348	3,700	3,700	940	970	3,668
Southwest	72,000	62,000	510	590	36,563	43,500	41,200	830	860	36,635
Burleigh	11,500	10,500	510	560	5,866	7,500	7,100	820	860	5,785
Emmons	6,600	6,500	540	550	3,567	4,500	4,400	840	840	4,374
Grant	21,000	20,500	500	510	10,431	11,900	11,700	940	950	11,231
Morton	7,200	7,000	570	590	4,120	2,500	2,400	800	920	1,998
Sioux	3,700	3,500	520	550	1,921	1,900	1,900	740	750	1,494
South Central	50,000	48,000	520	540	25,905	28,200	27,500	860	890	24,881
Dickey	96,000	94,000	910	930	87,707	52,900	52,000	1080	1110	60,977
LaMoure	105,000	103,000	990	1010	104,372	71,500	69,300	1130	1180	85,857
Logan	10,500	10,000	850	890	8,929	4,900	4,800	850	860	4,533
McIntosh	12,500	12,000	720	750	9,030	12,200	12,000	800	810	11,890
Ransom	55,000	51,000	1380	1480	75,728	57,600	55,900	1300	1340	77,769
Richland	135,000	125,000	950	1020	127,920	135,900	132,300	1270	1300	176,572
Sargent	66,000	65,000	1120	1130	73,692	58,400	57,600	1160	1170	70,451
Southeast	480,000	460,000	1020	1060	487,378	393,300	383,800	1200	1230	488,048
STATE	2,400,000	2,235,000	910	976	2,181,050	1,952,000	1,888,600	1150	1180	2,313,796

1/ Totals may not add due to roundine.

June 1982

SUNFLOWER, OIL AND NON-OIL: Acreage, Yield and Production by Counties
North Dakota, 1981 (Preliminary)

District and County	Oil					Non-Oil				
	Acres Planted	Acres Harvested	Yield per Acre		Production	Acres Planted	Acres Harvested	Yield per Acre		Production
			Pltd.	Harv.				Pltd.	Harv.	
	(Acres)	(Acres)	(Lbs.)	(Lbs.)	(000 Lbs.)	(Acres)	(Acres)	(Lbs.)	(Lbs.)	(000 Lbs.)
Burke	17,500	17,400	870	880	15,240	500	500	680	680	340
Divide	21,000	20,500	940	970	19,800	1,000	1,000	770	770	770
Mountrail	16,000	15,800	940	960	15,100	1,000	1,000	1100	1100	1,100
Renville	30,000	29,900	1010	1020	30,360	2,000	2,000	910	910	1,810
Ward	92,500	92,400	1070	1080	99,340	6,500	6,500	1100	1100	7,180
Williams	12,000	11,500	760	800	9,160	---	---	---	---	---
Northwest	189,000	187,500	1000	1010	189,000	11,000	11,000	1020	1020	11,200
Benson	92,000	91,700	1210	1210	111,400	8,000	8,000	1330	1330	10,610
Bottineau	105,000	102,500	980	1000	102,900	10,000	10,000	1290	1290	12,900
McHenry	71,000	70,700	1200	1200	85,180	4,000	4,000	1510	1510	6,040
Pierce	55,000	54,900	1300	1310	71,650	4,000	4,000	1330	1330	5,310
Rolette	30,000	29,700	1230	1240	36,970	1,000	1,000	1440	1440	1,440
North Central	353,000	349,500	1160	1170	408,100	27,000	27,000	1340	1340	36,300
Cavalier	39,000	38,900	1250	1250	48,620	1,000	1,000	1420	1420	1,420
Grand Forks	81,000	80,500	1130	1140	91,770	11,000	10,600	990	1030	10,930
Nelson	67,000	66,500	1260	1270	84,440	4,000	3,900	1160	1190	4,650
Pembina	37,000	35,700	1060	1100	39,260	2,000	2,000	810	810	1,620
Ramsey	73,000	72,500	1220	1230	89,160	9,000	9,000	1210	1210	10,910
Towner	34,500	34,400	1370	1370	47,120	3,500	3,500	1210	1210	4,250
Walsh	46,500	46,000	1280	1290	59,330	1500	1500	1210	1210	1,820
Northeast	378,000	374,500	1220	1230	459,700	32,000	31,500	1110	1130	35,600
Dunn	4,500	4,400	1090	1110	4,900	---	---	---	---	---
McKenzie	3,000	3,000	1120	1120	3,370	500	500	900	900	450
McLean	49,500	49,100	1300	1310	64,150	3,500	3,500	1460	1460	5,100
Mercer	4,000	4,000	1240	1240	4,960	---	---	---	---	---
Oliver	3,000	3,000	1240	1240	3,720	---	---	---	---	---
West Central	64,000	63,500	1270	1280	81,100	4,000	4,000	1390	1390	5,550
Eddy	38,000	37,900	1190	1200	45,380	19,000	18,900	1230	1230	23,290
Foster	61,000	60,500	1260	1270	76,670	23,000	22,900	1330	1330	30,570
Kidder	16,000	16,000	1110	1110	17,720	1,000	1,000	1130	1130	1,130
Sheridan	25,000	24,900	1290	1300	32,300	9,000	8,900	1120	1130	10,050
Stutsman	206,000	204,200	1220	1230	250,650	19,000	18,900	1380	1390	26,200
Wells	149,000	147,500	1270	1290	189,880	24,000	23,900	1180	1180	28,220
Central	495,000	491,000	1240	1250	612,600	95,000	94,500	1260	1260	119,460
Barnes	144,000	143,500	1320	1330	190,340	6,000	5,900	1190	1210	7,120
Cass	122,000	121,000	1220	1230	148,340	3,000	3,000	1260	1260	3,770
Griggs	50,000	49,800	1300	1310	65,060	5,000	4,900	990	1010	4,950
Steele	51,000	50,800	1400	1410	71,470	4,000	3,900	1160	1190	4,630
Traill	36,000	35,900	1250	1260	45,090	9,000	8,800	1140	1170	10,280
East Central	403,000	401,000	1290	1300	520,300	27,000	26,500	1140	1160	30,750
Adams	13,500	13,500	880	880	11,830	---	---	---	---	---
Billings	3,000	3,000	970	970	2,910	---	---	---	---	---
Bowman	5,500	5,300	940	980	5,190	---	---	---	---	---
Golden Valley	2,000	2,000	930	930	1,860	200	200	800	800	160
Hettinger	49,200	49,000	920	930	45,470	1,800	1,800	800	800	1,440
Slope	5,000	5,000	1030	1030	5,160	---	---	---	---	---
Stark	5,800	5,700	1010	1030	5,880	---	---	---	---	---
Southwest	84,000	83,500	930	940	78,300	2,000	2,000	800	800	1,600
Burleigh	22,000	21,600	1030	1050	22,670	---	---	---	---	---
Emmons	11,500	11,500	980	980	11,280	---	---	---	---	---
Grant	16,700	16,600	990	1000	16,610	2,300	2,300	1180	1180	2,710
Morton	11,800	11,800	1020	1020	12,040	700	700	1130	1130	790
Sioux	1,000	1,000	1000	1000	1,000	---	---	---	---	---
South Central	63,000	62,500	1010	1020	63,600	3,000	3,000	1170	1170	3,500
Dickey	76,500	74,500	1160	1190	88,990	5,500	5,400	1050	1070	5,780
LaMoure	99,000	98,500	1190	1190	117,660	6,000	6,000	1260	1260	7,560
Logan	13,500	13,500	1050	1050	14,110	500	500	1000	1000	500
McIntosh	19,000	18,700	1130	1140	21,410	---	---	---	---	---
Ransom	50,000	49,800	1320	1320	65,930	7,000	6,700	1250	1310	8,770
Richland	81,000	80,500	1190	1190	96,150	2,000	2,000	1290	1290	2,580
Sargent	52,000	51,500	1210	1220	63,050	8,000	7,900	1130	1140	9,010
Southeast	391,000	387,000	1200	1210	467,300	29,000	28,500	1180	1200	34,200
STATE	2,420,000	2,400,000	1190	1200	2,880,000	230,000	228,000	1210	1220	278,160

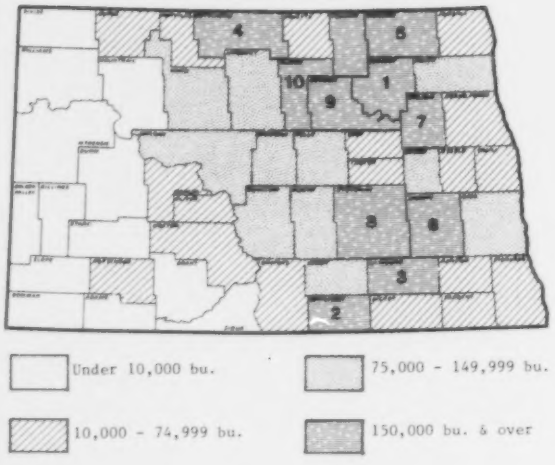
SUNFLOWER, OIL AND NON-OIL: Acreage, Yield and Production by Counties, North Dakota, 1980 (Revised)

District and County	Oil					Non-Oil				
	Acres Planted	Acres Harvested	Yield per Acre		Production	Acres Planted	Acres Harvested	Yield per Acre		Production
			Plted.	Harv.				Plted.	Harv.	
	(Acres)	(Acres)	(Lbs.)	(Lbs.)	(000 Lbs.)	(Acres)	(Acres)	(Lbs.)	(Lbs.)	(000 Lbs.)
Burke	11,000	9,000	760	930	8,336	---	---	---	---	---
Divide	11,000	10,500	1140	1200	12,580	---	---	---	---	---
Mountrail	10,000	9,600	1020	1070	10,245	---	---	---	---	---
Renville	22,600	22,100	1100	1120	24,791	400	400	880	880	353
Ward	63,800	62,800	960	970	61,098	2,200	2,200	780	780	1,723
Williams	4,000	3,400	800	950	3,218	---	---	---	---	---
Northwest	122,400	117,400	980	1020	120,268	2,600	2,600	800	800	2,076
Benson	66,000	61,000	970	1050	64,116	6,000	5,000	910	1090	5,474
Bottineau	52,000	50,100	760	790	39,749	8,000	6,900	970	1120	7,759
McHenry	33,000	31,600	880	920	29,091	2,000	1,900	1100	1150	2,194
Pierce	29,500	27,600	810	870	24,032	2,000	1,900	870	920	1,740
Rolette	21,200	18,700	760	860	16,169	300	300	800	800	239
North Central	201,700	189,000	860	920	173,157	18,300	16,000	950	1090	17,406
Cavalier	45,000	36,500	820	1010	36,859	2,000	1,500	730	970	1,458
Grand Forks	96,000	93,200	840	870	81,058	19,000	18,800	740	740	13,985
Nelson	57,000	55,100	860	890	49,097	4,000	3,900	830	850	3,327
Pembina	63,000	58,500	920	990	57,794	8,000	7,500	930	990	7,439
Ramsey	66,000	62,500	940	990	62,160	5,000	4,500	810	900	4,061
Towner	36,500	31,900	810	920	29,473	3,500	3,100	760	860	2,674
Walsh	58,000	51,300	760	860	44,196	2,000	1,700	920	1080	1,838
Northeast	421,500	389,000	860	930	360,637	43,500	41,000	800	850	34,782
Dunn	3,300	2,600	390	500	1,301	---	---	---	---	---
McKenzie	1,900	1,600	840	1,000	1,601	---	---	---	---	---
McLean	25,300	24,100	1230	1290	31,082	1,700	1,700	1000	1000	1,697
Mercer	3,400	3,000	710	800	2,400	---	---	---	---	---
Oliver	2,400	2,000	750	900	1,801	---	---	---	---	---
West Central	36,300	33,300	1050	1150	38,185	1,700	1,700	1000	1000	1,697
Eddy	40,000	39,300	1160	1180	46,507	7,000	6,700	1220	1270	8,527
Foster	51,000	39,000	780	1030	40,028	20,000	16,500	760	920	15,212
Kidder	7,000	6,600	730	770	5,088	500	400	520	650	261
Sheridan	11,500	10,800	800	850	9,189	9,000	8,700	680	700	6,103
Stutsman	177,500	167,500	870	920	153,789	8,500	7,500	740	840	6,314
Wells	87,000	67,000	800	1040	69,596	11,000	10,000	710	780	7,817
Central	374,000	330,200	870	980	324,197	56,000	49,800	790	890	44,234
Barnes	147,000	138,200	950	1010	139,066	8,000	6,800	610	710	4,843
Cass	175,000	170,100	1070	1100	186,706	5,000	4,900	900	920	4,522
Griggs	52,000	44,100	770	910	40,148	3,000	2,900	1070	1100	3,200
Steele	60,000	59,100	1010	1020	60,476	4,000	3,900	1140	1170	4,577
Traill	50,000	49,500	1080	1100	54,235	16,000	15,500	1050	1080	16,792
East Central	484,000	461,000	990	1040	480,631	36,000	34,000	940	1000	33,934
Adams	9,200	7,500	530	650	4,855	---	---	---	---	---
Billings	2,400	2,300	690	720	1,649	---	---	---	---	---
Bowman	3,900	3,700	580	610	2,248	---	---	---	---	---
Golden Valley	1,900	1,800	770	820	1,470	---	---	---	---	---
Hettinger	45,100	37,600	440	530	19,763	900	900	1050	1050	943
Slope	4,300	4,100	530	560	2,287	---	---	---	---	---
Stark	4,300	4,100	780	820	3,348	---	---	---	---	---
Southwest	71,100	61,100	500	580	35,620	900	900	1050	1050	943
Burleigh	11,500	10,500	510	560	5,866	---	---	---	---	---
Emmons	6,600	6,500	540	550	3,567	---	---	---	---	---
Grant	21,000	20,500	500	510	10,431	---	---	---	---	---
Morton	7,200	7,000	570	590	4,120	---	---	---	---	---
Sioux	3,700	3,500	520	550	1,921	---	---	---	---	---
South Central	50,000	48,000	520	540	25,905	---	---	---	---	---
Dickey	88,000	86,100	930	950	81,606	8,000	7,900	760	770	6,101
LaMoure	96,500	94,800	1010	1020	97,134	8,500	8,200	850	880	7,238
Logan	10,000	9,500	850	890	8,478	500	500	900	900	451
McIntosh	12,500	12,000	720	750	9,030	---	---	---	---	---
Ransom	45,000	42,000	1450	1550	65,076	10,000	9,000	1070	1180	10,652
Richland	132,000	122,100	950	1030	125,389	3,000	2,900	840	870	2,531
Sargent	55,000	54,500	1160	1170	63,687	11,000	10,500	910	950	10,005
Southeast	439,000	421,000	1030	1070	450,400	41,000	39,000	900	950	36,978
STATE	2,200,000	2,050,000	910	980	2,009,000	200,000	185,000	860	930	172,050

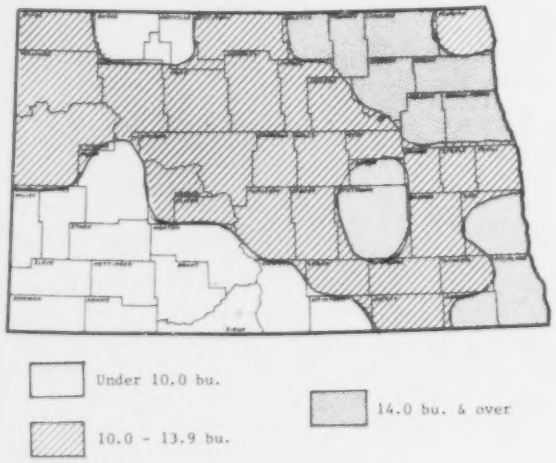
FLAXSEED: Acreage, Yield and Production by Counties, North Dakota, 1981 (Preliminary)

District and County	Acres Planted	Acres Harvested	Yield per Acre		Production
			Plted.	Harv.	
	(Acres)	(Acres)	(Bu.)	(Bu.)	(Bu.)
Burke	1,900	1,900	9.1	9.1	17,200
Divide	500	500	12.0	12.0	6,000
Mountrail	700	700	10.9	10.9	7,600
Renville	6,900	6,200	7.2	8.0	49,600
Ward	9,000	8,700	13.0	13.4	116,700
Williams	500	500	13.4	13.4	6,700
Northwest	19,500	18,500	10.5	11.0	203,800
Benson	15,000	14,500	12.1	12.5	181,500
Bottineau	24,500	23,000	9.8	10.4	239,400
McHenry	10,000	10,000	11.3	11.3	112,500
Pierce	14,500	14,500	12.3	12.3	178,500
Rolette	4,000	4,000	14.0	14.0	55,900
North Central	68,000	66,000	11.3	11.6	767,800
Cavalier	15,000	14,500	15.7	16.2	235,500
Grand Forks	3,300	2,900	12.3	14.0	40,600
Nelson	13,500	13,500	15.0	15.0	202,800
Pembina	2,400	2,400	12.4	12.4	29,800
Ramsey	17,500	17,000	14.6	15.0	255,400
Towner	11,000	10,500	15.5	16.3	170,800
Walsh	6,300	6,200	15.8	16.1	99,600
Northeast	69,000	67,000	15.0	15.4	1,034,500
Dunn	200	200	9.5	9.5	1,900
McKenzie	200	100	5.5	11.0	1,100
McLean	10,000	9,600	12.1	12.6	121,400
Mercer	1,700	1,700	10.9	10.9	18,500
Oliver	2,400	2,400	10.9	10.9	26,100
West Central	14,500	14,000	11.7	12.1	169,000
Eddy	6,000	6,000	10.2	10.2	61,300
Foster	4,000	4,000	14.1	14.1	56,300
Kidder	8,000	7,600	11.4	12.0	91,200
Sheridan	8,000	7,900	11.3	11.5	90,700
Stutsman	13,000	12,700	14.8	15.1	192,200
Wells	9,000	8,800	10.9	11.2	98,300
Central	48,000	47,000	12.3	12.6	590,000
Barnes	15,500	15,300	13.6	13.8	210,700
Cass	7,000	6,800	14.4	14.8	100,500
Griggs	6,500	6,500	13.1	13.1	84,900
Steele	3,500	3,500	13.7	13.7	47,800
Traill	2,500	2,400	12.6	13.1	31,400
East Central	35,000	34,500	13.6	13.8	475,300
Adams	500	500	9.2	9.2	4,600
Billings	200	200	8.5	8.5	1,700
Bowman	300	200	5.3	8.0	1,600
Golden Valley	100	100	8.0	8.0	800
Hettinger	1,300	1,200	8.5	9.2	11,000
Slope	100	100	9.0	9.0	900
Stark	500	400	7.8	9.8	3,900
Southwest	3,000	2,700	8.2	9.1	24,500
Burleigh	7,100	6,400	10.9	12.1	77,700
Emmons	9,500	8,800	6.4	6.9	60,400
Grant	700	700	7.6	7.6	5,300
Morton	1,300	1,300	9.5	9.5	12,400
Sioux	400	300	6.0	8.0	2,400
South Central	19,000	17,500	8.3	9.0	158,200
Dickey	6,000	5,600	9.9	10.6	59,600
LaMoure	20,000	19,500	12.0	12.3	240,200
Logan	9,200	9,100	12.5	12.6	114,900
McIntosh	27,000	26,800	9.1	9.1	244,900
Ransom	3,000	3,000	11.9	11.9	35,700
Richland	4,000	4,000	15.5	15.5	62,100
Sargent	4,800	4,800	14.5	14.5	69,500
Southeast	74,000	72,800	11.2	11.4	826,900
STATE	350,000	340,000	12.1	12.5	4,250,000

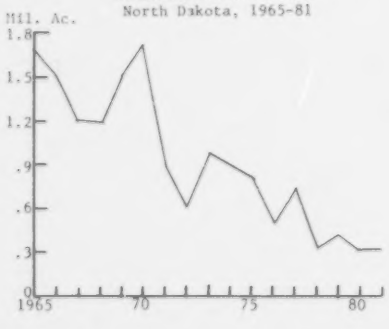
FLAXSEED, 1981 - Production by Counties
(Rank of First Ten Counties Shown)



FLAXSEED, 1981 - Yield per Harvested Acre
(Bushels)



FLAXSEED PLANTED ACRES
North Dakota, 1965-81



FLAXSEED: Acreage, Yield and Production by Counties,
North Dakota, 1980 (Revised) and 5-Year Average, 1976-80

District and County	1980					5-Year Average, 1976-80 1/				
	Acres Planted	Acres Harvested	Yield per Acre		Production	Acres Planted	Acres Harvested	Yield per Acre		Production
			Pltd.	Harv.				Pltd.	Harv.	
	(Acres)	(Acres)	(Bu.)	(Bu.)	(Bu.)	(Acres)	(Acres)	(Bu.)	(Bu.)	(Bu.)
Burke	1,000	500	4.3	8.6	4,300	3,800	3,700	8.3	9.2	34,100
Divide	300	300	10.0	10.0	3,000	2,000	2,000	12.0	12.1	25,400
Mountrail	500	500	10.2	10.2	5,100	2,500	2,100	8.5	9.4	19,200
Renville	5,500	4,600	7.1	8.5	39,300	13,000	12,500	9.8	10.3	129,100
Ward	10,500	6,000	5.1	9.0	53,700	20,400	18,200	9.1	10.3	192,000
Williams	200	100	4.0	8.0	800	1,300	1,200	8.1	9.3	11,300
Northwest	18,000	12,000	5.9	8.9	106,200	43,100	39,700	9.2	10.2	411,100
Benson	7,500	6,000	11.2	14.0	84,100	13,200	12,500	10.6	11.5	132,600
Bottineau	25,000	19,000	9.4	12.4	235,900	34,700	32,700	10.0	10.8	343,400
McHenry	11,000	9,100	8.0	9.6	87,500	17,200	16,300	9.2	9.7	157,200
Pierce	7,000	6,100	9.5	10.9	66,600	17,200	16,700	9.0	9.4	151,700
Rolette	2,500	1,800	9.8	13.6	24,500	5,900	5,600	10.5	11.6	62,200
North Central	53,000	42,000	9.4	11.9	498,600	88,200	83,800	9.7	10.4	847,000
Cavalier	7,700	6,900	16.1	18.0	124,300	6,200	6,000	14.2	14.8	90,300
Grand Forks	6,400	4,800	9.0	12.0	57,600	8,100	7,400	12.2	13.4	101,700
Nelson	8,500	7,800	14.7	16.0	124,900	13,100	12,500	10.5	11.1	135,300
Pembina	3,600	3,300	11.0	12.0	39,600	3,900	3,500	13.3	14.5	51,100
Ramsey	8,000	7,200	12.2	13.5	97,300	9,100	8,200	12.7	14.1	122,300
Towner	5,300	3,800	10.8	15.1	57,400	6,300	5,800	13.5	14.8	87,000
Walsh	7,500	7,200	14.0	14.6	105,300	7,500	7,000	12.8	13.8	98,400
Northeast	47,000	41,000	12.9	14.8	606,400	54,200	50,400	12.3	13.3	686,200
Dunn	200	100	2.5	5.0	500	600	500	6.6	7.7	4,300
McKenzie	100	100	5.0	5.0	500	1,000	800	7.2	7.7	6,100
McLean	10,000	7,300	8.0	10.9	79,600	16,100	14,600	9.6	10.5	144,800
Mercer	1,700	1,600	4.9	5.2	8,300	2,300	2,100	8.3	8.8	18,200
Oliver	4,000	2,400	5.0	8.3	19,900	5,600	4,900	8.7	9.7	49,600
West Central	16,000	11,500	6.8	9.5	108,800	25,500	22,900	9.1	10.0	223,200
Eddy	4,300	4,200	13.1	13.4	56,400	6,400	6,200	9.1	9.4	53,900
Foster	3,900	3,000	12.3	16.0	48,000	5,800	4,900	10.0	11.8	54,600
Kidder	7,200	4,800	3.8	5.8	27,700	9,400	8,200	6.9	7.8	64,900
Sheridan	5,600	5,300	6.9	7.3	38,500	8,600	8,500	8.0	8.1	67,400
Stutsman	15,500	11,500	8.1	10.9	125,800	17,100	15,800	11.0	11.9	186,500
Wells	6,500	4,200	8.0	12.4	52,200	18,000	16,600	9.0	10.4	157,600
Central	43,000	33,000	8.1	10.6	348,600	65,400	60,200	9.2	10.2	584,900
Barnes	12,500	12,000	10.1	10.5	125,800	15,100	14,300	12.3	13.0	188,600
Cass	8,800	8,700	13.8	13.9	121,000	8,300	7,900	14.4	15.2	125,600
Griggs	5,400	5,300	10.3	10.5	55,500	9,500	9,300	10.5	10.7	101,300
Steele	5,100	4,500	9.7	11.0	49,500	9,200	8,800	12.0	12.6	110,400
Traill	3,700	3,500	8.5	8.9	31,300	5,700	5,400	11.8	12.2	68,600
East Central	35,500	34,000	10.8	11.3	383,100	47,700	45,700	12.2	12.8	594,500
Adams	600	400	3.5	5.3	2,100	1,800	1,600	6.4	6.9	11,300
Billings	900	600	3.4	5.2	3,100	700	600	7.9	8.4	5,300
Bowman	100	100	5.0	5.0	500	1,400	1,400	7.8	7.8	10,500
Golden Valley	100	---	---	---	---	200	200	8.0	10.7	1,700
Hettinger	1,600	1,300	3.8	4.6	6,000	3,100	2,900	8.1	8.5	25,700
Slope	100	---	---	---	---	500	500	6.7	8.7	3,800
Stark	100	100	4.0	4.0	400	500	500	9.5	9.5	4,500
Southwest	3,500	2,500	3.5	4.8	12,100	8,100	7,600	7.7	8.1	62,800
Burleigh	7,400	5,000	5.6	8.2	41,200	8,900	7,800	7.1	8.0	60,300
Emmons	14,000	9,100	3.1	4.7	42,800	22,800	20,600	7.4	8.1	167,300
Grant	700	500	3.6	5.0	2,500	1,200	1,200	7.1	7.5	9,500
Morton	600	300	3.5	7.0	2,100	1,900	1,800	9.4	10.1	16,200
Sioux	300	100	1.7	5.0	500	800	700	6.4	7.1	4,600
South Central	23,000	15,000	3.9	5.9	89,100	35,700	32,100	7.4	8.2	257,900
Dickey	15,000	14,500	7.7	8.0	115,500	19,300	18,400	9.1	9.5	171,100
LaMoure	21,000	20,500	10.4	10.6	217,800	19,200	18,600	12.1	12.4	228,800
Logan	15,000	12,000	4.7	5.9	71,100	19,000	17,000	8.1	8.9	156,600
McIntosh	40,500	33,000	3.8	4.7	155,200	41,900	39,100	6.7	7.1	272,400
Ransom	6,500	6,200	9.2	9.6	59,500	5,200	4,800	11.2	12.3	61,800
Richland	5,000	5,000	10.6	10.6	53,100	6,600	6,300	12.4	13.0	81,600
Sargent	8,000	7,800	9.4	9.6	74,900	7,900	7,500	12.0	12.6	92,900
Southeast	111,000	99,000	6.7	7.5	747,100	119,000	111,600	9.1	9.6	1,065,300
STATE	350,000	290,000	8.3	10.0	2,900,000	487,000	454,000	9.8	10.5	4,733,000

1/ Totals may not add due to rounding.

CORN: Total Acreage Planted and Harvested, Acreage, Yield and Production for Grain and Silage and Acreage Used for Forage by Counties, North Dakota, 1981 (Preliminary)

District and County	All Corn		Corn for Grain			Corn for Silage			Corn For Forage
	Planted	Harvested	Harvested	Yield per Acre	Production	Harvested	Yield per Acre	Production	
	(Acres)	(Acres)	(Acres)	(Bu.)	(Bu.)	(Acres)	(Tons)	(Tons)	(Acres)
Burke	1,000	1,000	---	---	---	1,000	5.2	5,200	---
Divide	300	300	---	---	---	300	9.3	2,800	---
Mountrail	2,500	2,300	1,200	21.0	25,200	1,100	5.2	5,700	---
Renville	1,800	1,800	1,000	30.0	30,000	800	5.6	4,500	---
Ward	5,400	5,400	3,500	75.4	263,900	1,900	7.7	14,700	---
Williams	800	800	---	---	---	800	11.1	8,900	---
Northwest	11,800	11,600	5,700	56.0	319,100	5,900	7.1	41,800	---
Benson	7,400	7,200	3,700	82.8	306,200	3,200	9.0	28,700	300
Bottineau	3,800	3,800	1,000	33.0	33,000	2,800	6.0	16,800	---
McHenry	14,000	13,800	4,300	67.7	290,900	9,100	5.3	48,500	400
Pierce	8,800	8,800	800	71.4	57,100	8,000	7.0	56,300	---
Rolette	1,200	1,000	200	71.5	14,300	800	10.0	8,000	---
North Central	35,100	34,600	10,000	70.2	701,500	23,900	6.6	158,300	700
Cavalier	1,200	1,100	600	49.0	29,400	400	8.8	3,500	100
Grand Forks	21,700	21,600	18,200	82.8	1,507,600	3,300	7.8	25,800	100
Nelson	5,100	5,000	4,500	57.1	257,000	500	5.2	2,600	---
Pembina	17,400	17,200	15,300	74.0	1,132,200	1,800	8.9	16,000	100
Ramsey	1,900	1,900	1,400	67.0	93,800	500	5.4	2,700	---
Towner	1,500	1,500	500	60.0	30,000	900	9.3	8,400	100
Walsh	13,300	13,200	9,700	76.2	739,500	3,400	6.2	21,100	100
Northeast	62,100	61,500	50,200	75.5	3,789,500	10,800	7.4	80,100	500
Dunn	20,500	20,300	100	18.0	1,800	19,200	5.2	99,300	1,000
McKenzie	3,500	3,400	1,300	64.6	84,000	2,000	15.2	30,300	100
McLean	7,300	7,200	2,100	57.2	120,100	5,000	9.5	47,600	100
Mercer	11,900	11,700	1,100	45.1	49,600	10,500	5.5	58,100	100
Oliver	10,800	10,600	200	30.0	6,000	8,900	8.2	73,400	1,500
West Central	54,000	53,200	4,800	54.5	261,500	45,600	6.8	308,700	2,800
Eddy	6,500	6,500	2,500	77.2	193,100	4,000	7.6	30,200	---
Foster	10,500	10,500	5,600	84.1	470,900	4,900	9.3	45,600	---
Kidder	20,700	20,600	5,700	112.7	642,500	14,700	6.5	95,100	200
Sheridan	4,500	4,500	500	75.0	37,500	4,000	5.9	23,400	---
Stutsman	24,900	24,800	13,100	65.9	863,600	11,700	8.9	104,400	---
Wells	11,900	11,700	5,200	84.0	436,800	6,300	8.6	54,100	200
Central	79,000	78,600	32,600	81.1	2,644,400	45,600	7.7	352,800	400
Barnes	23,200	23,200	16,800	69.5	1,167,000	6,300	9.2	58,000	100
Cass	76,200	76,200	69,000	83.0	5,726,600	7,200	10.9	78,200	---
Griggs	7,000	7,000	2,500	72.8	182,000	4,500	9.2	41,600	---
Steele	7,300	7,300	6,300	96.7	608,900	1,000	7.1	7,100	---
Traill	5,300	5,300	4,400	93.4	411,100	900	13.4	12,100	---
East Central	119,000	119,000	99,000	81.8	8,095,600	19,900	9.9	197,000	100
Adams	10,600	10,400	---	---	---	9,400	4.2	39,800	1,000
Billings	1,400	1,300	---	---	---	1,000	3.1	3,100	300
Bowman	4,100	4,100	---	---	---	3,800	4.9	18,500	300
Golden Valley	1,700	1,300	100	39.0	3,900	900	8.4	7,600	300
Hettinger	4,700	4,600	---	---	---	4,200	4.8	20,000	400
Slope	2,600	2,600	---	---	---	2,400	7.3	17,600	200
Stark	13,900	13,400	---	---	---	12,800	4.8	60,900	600
Southwest	39,000	37,700	100	39.0	3,900	34,500	4.9	167,500	3,100
Burleigh	23,000	22,800	2,300	77.6	178,500	19,200	8.0	152,900	1,300
Emmons	34,900	34,700	7,300	67.7	493,900	26,900	7.4	200,000	500
Grant	27,800	27,600	6,700	38.3	256,300	19,500	6.2	121,400	1,400
Morton	34,500	34,300	2,500	36.1	90,200	30,400	7.4	224,500	1,400
Sioux	6,800	6,700	---	---	---	6,500	5.4	34,800	200
South Central	127,000	126,100	18,800	54.2	1,018,900	102,500	7.2	733,600	4,800
Dickey	51,500	50,500	33,000	77.3	2,551,400	17,100	8.9	151,400	400
LaMoure	30,000	29,900	14,800	63.9	945,600	15,100	8.6	129,200	---
Logan	15,000	14,800	2,400	52.7	126,400	12,000	7.0	83,400	400
McIntosh	13,800	13,700	1,600	55.0	88,000	12,000	7.9	94,300	100
Ransom	60,000	59,800	53,000	86.5	4,583,800	6,700	10.0	67,200	100
Richland	158,000	157,300	151,000	91.0	13,745,100	5,800	8.0	46,200	500
Sargent	44,700	44,700	36,000	74.4	2,678,300	8,600	7.0	60,500	100
Southeast	373,000	370,700	291,800	84.7	24,718,600	77,300	8.2	632,200	1,600
STATE	900,000	893,000	513,000	81.0	41,553,000	366,000	7.3	2,672,000	14,000

CORN: Total Acreage Planted and Harvested, Acreage, Yield and Production for Grain and Silage and Acreage Used for Forage by Counties, North Dakota, 1980 (Revised)

District and County	All Corn		Corn for Grain			Corn for Silage			Corn For Forage
	Planted	Harvested	Harvested	Yield per Acre	Production	Harvested	Yield per Acre	Production	
	(Acres)	(Acres)	(Acres)	(Bu.)	(Bu.)	(Acres)	(Tons)	(Tons)	(Acres)
Burke	600	600	---	---	---	600	3.5	2,100	---
Divide	100	100	100	20.0	2,000	---	---	---	---
Mountrail	1,500	1,100	---	---	---	900	3.1	2,800	200
Renville	1,200	1,000	---	---	---	1,000	3.5	3,500	---
Ward	2,500	2,300	200	60.0	12,000	2,100	3.9	8,100	---
Williams	600	600	---	---	---	600	13.7	8,200	---
Northwest	6,500	5,700	300	46.7	14,000	5,200	4.8	24,700	200
Benson	4,200	4,200	1,000	77.5	77,500	2,900	4.8	13,800	300
Bottineau	2,000	2,000	100	30.0	3,000	1,900	4.5	8,600	---
McHenry	9,300	9,100	100	70.0	7,000	8,200	6.9	56,800	800
Pierce	6,100	000	200	30.0	6,000	5,800	7.1	41,200	---
Rolette	900	800	---	---	---	700	6.4	4,500	100
North Central	22,500	22,100	1,400	66.8	93,500	19,500	6.4	124,900	1,200
Cavalier	700	700	---	---	---	700	6.6	4,600	---
Grand Forks	12,500	11,900	3,800	51.2	195,500	8,000	6.3	50,500	100
Nelson	2,000	2,000	800	50.0	40,000	1,200	4.8	5,800	---
Pembina	5,300	5,200	2,600	40.0	104,000	2,200	6.5	14,200	400
Ramsey	1,000	1,000	---	---	---	1,000	5.0	5,000	---
Towner	1,000	1,000	900	30.0	27,000	100	5.0	500	---
Walsh	5,500	5,400	1,800	50.0	90,000	3,500	5.1	17,800	100
Northeast	28,000	27,200	9,900	46.1	456,500	16,700	5.9	98,400	600
Dunn	21,000	19,300	---	---	---	17,000	2.7	45,600	2,300
McKenzie	3,200	2,700	100	72.0	7,200	2,400	13.0	31,200	200
McLean	5,500	5,200	200	75.0	15,000	4,600	7.2	33,000	400
Mercer	13,000	12,800	---	---	---	10,500	4.4	45,700	2,300
Oliver	9,300	8,200	100	20.0	2,000	5,800	5.6	32,700	2,500
West Central	52,000	48,400	400	60.5	24,200	40,300	4.7	188,200	7,700
Eddy	5,000	5,000	300	74.3	22,300	4,700	6.8	32,100	---
Foster	7,600	7,600	200	60.0	12,000	7,400	7.5	55,800	---
Kidder	15,000	14,800	1,800	90.0	162,000	12,500	5.4	67,200	500
Sheridan	2,500	2,500	---	---	---	2,200	4.0	8,900	300
Stutsman	17,000	16,300	900	61.1	55,000	14,500	4.9	71,500	900
Wells	11,900	11,000	1,500	40.0	60,000	8,700	6.8	58,800	800
Central	59,000	57,200	4,700	66.2	311,300	50,000	5.9	294,300	2,500
Barnes	12,500	12,000	5,000	43.5	217,600	6,900	3.9	26,700	100
Cass	59,000	58,400	53,000	52.9	2,802,800	5,400	6.4	34,300	---
Griggs	5,000	4,900	1,900	64.7	122,900	3,000	8.6	25,800	---
Steele	4,500	4,400	3,300	66.0	217,900	1,000	9.5	9,500	100
Traill	4,000	3,500	2,800	64.5	180,500	700	7.1	5,000	---
East Central	85,000	83,200	66,000	53.7	3,541,700	17,000	6.0	101,300	200
Adams	9,000	4,500	---	---	---	1,000	1.3	1,300	3,500
Billings	2,000	1,400	---	---	---	1,400	2.5	3,500	---
Bowman	3,500	2,800	---	---	---	2,000	1.5	3,000	800
Golden Valley	2,500	1,900	500	80.0	40,000	100	18.0	1,800	1,300
Hettinger	4,000	2,300	---	---	---	1,300	3.0	3,900	1,000
Slope	2,500	1,900	---	---	---	1,500	2.3	3,500	400
Stark	13,500	10,400	200	57.0	11,400	9,200	2.1	19,200	1,000
Southwest	37,000	25,200	700	73.4	51,400	16,500	2.2	36,200	8,000
Burleigh	19,500	18,400	1,200	43.3	52,000	14,500	4.1	60,000	2,700
Emmons	32,500	24,700	200	20.0	4,000	18,500	2.1	38,500	6,000
Grant	22,500	18,500	400	38.5	15,4[illegible]	15,500	2.0	31,300	2,600
Morton	30,000	28,000	300	44.0	13,200	27,000	3.3	90,100	700
Sioux	5,500	3,500	---	---	---	2,500	1.5	3,800	1,000
South Central	110,000	93,100	2,100	40.3	84,600	78,000	2.9	223,700	13,000
Dickey	45,000	44,000	17,500	62.1	1,087,100	25,000	3.5	87,700	1,500
LaMoure	23,500	23,100	5,500	42.1	231,300	17,500	4.2	74,000	100
Logan	10,000	9,800	800	30.8	24,600	8,400	3.6	30,200	600
McIntosh	12,000	11,600	200	31.0	6,200	10,400	2.1	21,600	1,000
Ransom	47,000	43,800	35,500	47.2	1,674,700	6,500	5.4	34,900	1,800
Richland	125,000	123,400	116,000	66.0	7,657,800	7,000	4.0	27,800	400
Sargent	37,500	37,200	29,000	53.8	1,561,100	8,000	4.3	34,100	200
Southeast	300,000	292,900	204,500	59.9	12,242,800	82,800	3.7	310,300	5,600
STATE	700,000	655,000	290,000	58.0	16,820,000	326,000	4.3	1,402,000	39,000

HAY: Acreage, Yield and Production of Alfalfa, All Other and All Hay by Counties, North Dakota, 1981 (Preliminary)

District and County	Alfalfa Hay			All Other Hay			All Hay		
	Acres Harvested	Harv. Yield	Production	Acres Harvested	Harv. Yield	Production	Acres Harvested	Harv. Yield	Production
	(Acres)	(Tons)	(Tons)	(Acres)	(Tons)	(Tons)	(Acres)	(Tons)	(Tons)
Burke	11,000	1.00	11,000	24,000	1.30	31,300	35,000	1.20	42,300
Divide	12,000	1.10	13,200	17,000	1.45	24,700	29,000	1.30	37,900
Mountrail	32,000	1.20	38,400	51,000	1.35	69,100	83,000	1.30	107,500
Renville	11,000	1.15	12,700	6,000	1.35	8,100	17,000	1.20	20,800
Ward	39,000	1.70	66,200	36,000	1.35	48,700	75,000	1.55	114,900
Williams	30,000	1.35	40,500	26,000	1.00	26,100	56,000	1.20	66,600
Northwest	135,000	1.35	182,000	160,000	1.30	208,000	295,000	1.30	390,000
Benson	21,000	2.30	48,400	35,000	1.55	54,400	56,000	1.85	102,800
Bottineau	34,000	1.70	57,900	39,000	1.35	52,800	73,000	1.50	110,700
McHenry	56,000	1.65	92,600	120,000	1.40	168,500	176,000	1.50	261,100
Pierce	19,000	1.90	36,100	42,000	1.30	54,800	61,000	1.50	90,900
Rolette	20,000	1.75	35,000	24,000	1.35	32,500	44,000	1.55	67,500
North Central	150,000	1.80	270,000	260,000	1.40	363,000	410,000	1.55	633,000
Cavalier	5,000	1.80	9,000	13,000	1.55	20,200	18,000	1.60	29,200
Grand Forks	16,000	2.30	36,800	8,000	1.25	10,000	24,000	1.95	46,800
Nelson	11,000	1.85	20,300	20,000	1.25	25,000	31,000	1.45	45,300
Pembina	6,500	2.20	14,300	9,000	1.50	13,500	15,500	1.80	27,800
Ramsey	6,500	2.00	13,000	17,000	1.25	21,200	23,500	1.45	34,200
Towner	2,500	2.20	5,500	23,000	1.70	39,100	25,500	1.75	44,600
Walsh	10,500	2.20	23,100	20,000	1.80	36,000	30,500	1.95	59,100
Northeast	58,000	2.10	122,000	110,000	1.50	165,000	168,000	1.70	287,000
Dunn	87,000	.95	82,300	38,000	1.10	41,900	125,000	1.00	124,200
McKenzie	54,000	1.30	70,000	35,000	.90	31,600	89,000	1.15	101,600
McLean	30,000	2.20	65,900	52,000	1.65	86,000	82,000	1.85	151,900
Mercer	33,000	1.75	57,800	28,000	1.50	42,000	61,000	1.65	99,800
Oliver	28,000	1.75	49,000	27,000	1.20	32,500	55,000	1.50	81,500
West Central	232,000	1.40	325,000	180,000	1.30	234,000	412,000	1.35	559,000
Eddy	26,000	2.10	54,700	17,000	1.45	24,700	43,000	1.85	79,400
Foster	19,000	1.80	34,200	12,000	1.50	18,000	31,000	1.70	52,200
Kidder	100,000	1.35	135,400	62,000	1.20	74,700	162,000	1.30	210,100
Sheridan	11,000	1.90	20,900	26,000	1.50	39,000	37,000	1.60	59,900
Stutsman	50,000	2.40	120,000	38,000	1.75	66,600	88,000	2.10	186,600
Wells	14,000	2.20	30,800	25,000	1.85	46,300	39,000	2.00	77,100
Central	220,000	1.80	396,000	180,000	1.50	269,300	400,000	1.65	665,300
Barnes	22,000	2.05	45,200	27,000	1.30	35,000	49,000	1.65	80,200
Cass	18,000	2.80	50,400	9,000	1.70	15,300	27,000	2.45	65,700
Griggs	20,000	1.60	32,000	20,000	1.70	33,900	40,000	1.65	65,900
Steele	5,000	2.40	12,000	7,000	1.40	9,800	12,000	1.80	21,800
Traill	7,000	3.20	22,400	7,000	2.10	14,700	14,000	2.65	37,100
East Central	72,000	2.25	162,000	70,000	1.55	108,700	142,000	1.90	270,700
Adams	32,000	1.30	41,700	28,000	.85	23,900	60,000	1.10	65,600
Billings	28,000	.65	18,300	20,000	1.25	25,000	48,000	.90	43,300
Bowman	39,000	1.15	44,900	28,000	.80	22,500	67,000	1.00	67,400
Golden Valley	14,000	1.25	17,500	20,000	1.40	28,000	34,000	1.35	45,500
Hettinger	31,000	1.05	32,600	21,000	1.10	23,100	52,000	1.05	55,700
Slope	29,000	1.00	29,000	13,000	.85	11,000	42,000	.95	40,000
Stark	50,000	1.00	50,000	40,000	.90	36,000	90,000	.95	86,000
Southwest	223,000	1.05	234,000	170,000	1.00	169,500	393,000	1.05	403,500
Burleigh	74,000	1.50	111,300	53,000	1.50	79,500	127,000	1.50	190,800
Emmons	45,000	1.85	83,400	83,000	1.25	103,400	128,000	1.45	186,800
Grant	58,000	1.30	75,600	50,000	1.25	62,300	108,000	1.30	137,900
Morton	69,000	1.50	103,700	75,000	1.45	109,000	144,000	1.50	212,700
Sioux	44,000	.75	33,000	29,000	1.25	36,300	73,000	.95	69,300
South Central	290,000	1.40	407,000	290,000	1.35	390,500	580,000	1.40	797,500
Dickey	43,000	2.05	88,000	24,000	1.50	36,000	67,000	1.85	124,000
LaMoure	25,000	1.75	43,700	27,000	1.50	40,500	52,000	1.60	84,200
Logan	50,000	2.20	109,800	54,000	1.40	75,500	104,000	1.80	185,300
McIntosh	40,000	2.00	79,800	48,000	1.50	72,000	88,000	1.75	151,800
Ransom	25,000	2.10	52,400	20,000	1.30	26,000	45,000	1.75	78,400
Richland	15,000	3.10	45,500	20,000	1.30	26,000	35,000	2.05	72,500
Sargent	22,000	1.90	41,800	17,000	1.00	17,000	39,000	1.50	58,800
Southeast	220,000	2.10	462,000	210,000	1.40	293,000	430,000	1.75	755,000
STATE	1,600,000	1.60	2,560,000	1,630,000	1.35	2,201,000	3,230,000	1.47	4,761,000

HAY: Acreage, Yield and Production of Alfalfa, All Other and All Hay by Counties, North Dakota, 1980 (Revised)

District and County	Alfalfa Hay			All Other Hay			All Hay		
	Acres Harvested	Harv. Yield	Production	Acres Harvested	Harv. Yield	Production	Acres Harvested	Harv. Yield	Production
	(Acres)	(Tons)	(Tons)	(Acres)	(Tons)	(Tons)	(Acres)	(Tons)	(Tons)
Burke	5,000	.85	4,300	23,000	1.15	26,300	28,000	1.10	30,600
Divide	3,000	.70	2,100	22,000	1.15	25,200	25,000	1.10	27,300
Mountrail	22,000	.90	20,200	48,000	.90	43,000	70,000	.90	63,200
Renville	9,500	.50	4,900	5,000	1.30	6,500	14,500	.80	11,400
Ward	29,000	.60	17,800	47,000	.80	37,500	76,000	.75	55,300
Williams	21,500	1.45	31,700	15,000	.90	13,500	36,500	1.25	45,200
Northwest	90,000	.90	81,000	160,000	.95	152,000	250,000	.95	233,000
Benson	20,000	1.15	23,100	35,000	1.15	40,300	55,000	1.15	63,400
Bottineau	19,000	.75	14,400	40,000	.85	34,000	59,000	.80	48,400
McHenry	61,000	1.15	70,600	92,000	.85	78,400	153,000	.95	149,000
Pierce	20,000	1.05	21,200	37,000	.80	29,600	57,000	.90	50,800
Rolette	25,000	.90	22,700	26,000	.95	24,700	51,000	.95	47,400
North Central	145,000	1.05	152,000	230,000	.90	207,000	375,000	.95	359,000
Cavalier	6,000	.95	5,800	16,000	1.50	23,600	22,000	1.35	29,400
Grand Forks	15,500	1.00	15,800	11,000	.65	7,300	26,500	.85	23,100
Nelson	11,000	.65	6,900	23,500	1.15	27,500	34,500	1.00	34,400
Pembina	7,500	2.05	15,300	6,000	1.05	6,400	13,500	1.60	21,700
Ramsey	4,000	1.35	5,300	14,500	1.30	19,200	18,500	1.30	24,500
Towner	3,000	.95	2,800	14,000	1.35	19,200	17,000	1.30	22,000
Walsh	8,000	1.10	8,600	15,000	1.10	16,800	23,000	1.10	25,400
Northeast	55,000	1.10	60,500	100,000	1.20	120,000	155,000	1.15	180,500
Dunn	41,000	.35	14,700	43,000	.50	22,100	84,000	.45	36,800
McKenzie	19,000	1.40	26,400	42,000	.40	17,600	61,000	.70	44,000
McLean	21,000	.75	16,000	61,000	1.05	62,700	82,000	.95	78,700
Mercer	26,000	1.35	35,100	24,000	1.15	28,000	50,000	1.25	63,100
Oliver	28,000	.80	22,600	30,000	.65	19,600	58,000	.75	42,200
West Central	135,000	.85	114,800	200,000	.75	150,000	335,000	.80	264,800
Eddy	32,000	1.25	39,900	19,000	.95	18,100	51,000	1.15	58,000
Foster	20,000	1.15	22,900	13,000	1.20	15,600	33,000	1.15	38,500
Kidder	79,000	.70	55,100	90,000	.70	62,100	169,000	.70	117,200
Sheridan	10,000	1.15	11,500	32,000	1.30	41,600	42,000	1.25	53,100
Stutsman	62,000	.90	55,700	59,000	1.10	64,900	121,000	1.00	120,600
Wells	12,000	1.40	16,800	27,000	.95	25,700	39,000	1.10	42,500
Central	215,000	.95	201,900	240,000	.95	228,000	455,000	.95	429,900
Barnes	21,000	1.15	24,100	28,000	1.10	31,100	49,000	1.15	55,200
Cass	19,000	1.90	36,100	8,000	.80	6,300	27,000	1.55	42,400
Griggs	18,000	1.50	27,000	20,000	1.15	23,200	38,000	1.30	50,200
Steele	5,000	1.60	8,000	7,000	.95	6,600	12,000	1.20	14,600
Traill	7,000	1.90	13,300	7,000	.90	6,300	14,000	1.40	19,600
East Central	70,000	1.55	108,500	70,000	1.05	73,500	140,000	1.30	182,000
Adams	14,000	.45	6,400	23,000	.35	8,100	37,000	.40	14,500
Billings	6,000	.70	4,300	10,000	.70	7,000	16,000	.70	11,300
Bowman	18,000	.95	17,300	21,000	.60	12,700	39,000	.75	30,000
Golden Valley	10,000	.50	5,100	14,000	.40	5,600	24,000	.45	10,700
Hettinger	24,000	.50	12,100	15,000	.65	9,800	39,000	.55	21,900
Slope	11,000	.40	4,500	12,000	.45	5,400	23,000	.45	9,900
Stark	22,000	.60	13,300	35,000	.65	22,900	57,000	.65	36,200
Southwest	105,000	.60	63,000	130,000	.55	71,500	235,000	.55	134,500
Burleigh	51,000	1.35	68,400	59,000	.80	48,100	110,000	1.05	116,500
Emmons	27,000	.40	10,700	70,000	.50	33,600	97,000	.45	44,300
Grant	50,000	.55	27,200	48,000	.65	30,000	98,000	.60	57,200
Morton	42,000	.75	31,300	73,000	.55	38,500	115,000	.60	69,800
Sioux	25,000	.35	8,700	10,000	.60	5,800	35,000	.40	14,500
South Central	195,000	.75	146,300	260,000	.60	156,000	455,000	.65	302,300
Dickey	50,000	.90	44,000	26,000	1.05	27,100	76,000	.95	71,100
LaMoure	29,000	.90	25,500	20,000	1.45	29,200	49,000	1.10	54,700
Logan	36,000	.55	19,400	51,000	.85	42,600	87,000	.70	62,000
McIntosh	25,000	.45	11,000	45,000	.85	37,600	70,000	.70	48,600
Ransom	26,000	1.50	39,400	27,000	1.05	28,200	53,000	1.30	67,600
Richland	17,000	2.45	41,600	22,000	.90	19,500	39,000	1.55	61,100
Sargent	27,000	1.85	50,100	19,000	.95	17,800	46,000	1.50	67,900
Southeast	210,000	1.10	231,000	210,000	.95	202,000	420,000	1.05	433,000
STATE	1,220,000	.95	1,159,000	1,600,000	.85	1,360,000	2,820,000	.89	2,519,000

POTATOES, SOYBEANS & SUGARBEETS

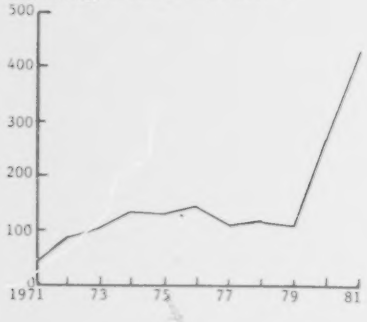
Acreage, Yield and Production by Counties, North Dakota, 1980 (Revised) and 1981 (Preliminary)

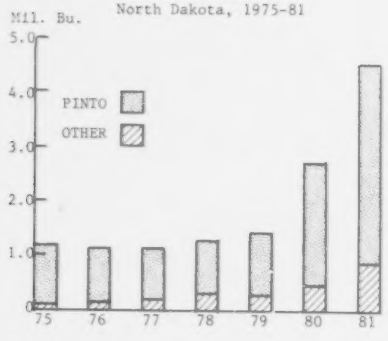
County	1980					1981				
	Acres Planted	Acres Harvested	Yield per Acre		Production	Acres Planted	Acres Harvested	Yield per Acre		Production
			Pltd.	Harv.				Pltd.	Harv.	
	(Acres)	(Acres)	(Cwt.)	(Cwt.)	(Cwt.)	(Acres)	(Acres)	(Cwt.)	(Cwt.)	(Cwt.)
POTATOES										
Grand Forks	25,500	25,000	125	130	3,245,000	26,500	25,500	180	185	4,744,000
Pembina	26,500	26,000	145	150	3,900,000	28,000	27,000	175	180	4,888,000
Towner	2,200	2,100	155	160	336,000	2,100	2,000	180	190	382,000
Walsh	54,000	53,300	140	140	7,462,000	55,500	54,000	160	165	8,992,000
Traill	4,800	4,700	120	125	588,000	5,500	5,200	165	175	910,000
Other Counties	1,000	900	150	165	149,000	1,400	1,300	150	160	209,000
STATE	114,000	112,000	140	140	15,680,000	119,000	115,000	170	175	20,125,000
SOYBEANS										
			(Bu.)	(Bu.)	(Bu.)			(Bu.)	(Bu.)	(Bu.)
Bottineau	--	--	--	--	--	200	200	12.0	12.0	2,400
Cavalier	100	100	15.0	15.0	1,500	--	--	--	--	--
Grand Forks	10,500	8,800	10.0	11.9	104,700	13,000	12,000	21.7	23.5	282,000
Nelson	300	300	13.7	13.7	4,100	--	--	--	--	--
Pembina	1,500	1,500	23.8	23.8	35,700	8,900	8,300	29.0	24.5	203,400
Towner	500	500	13.8	13.8	6,900	--	--	--	--	--
Walsh	2,300	2,300	17.0	17.0	39,100	4,200	4,100	22.5	23.0	94,300
Eddy	--	--	--	--	--	600	600	18.0	18.0	10,800
Foster	--	--	--	--	--	300	300	19.0	19.0	5,700
Stutsman	--	--	--	--	--	800	800	19.0	19.0	15,200
Wells	--	--	--	--	--	200	100	9.0	18.0	1,800
Barnes	1,000	1,000	13.6	13.6	13,600	900	800	21.8	24.5	19,600
Cass	68,700	67,100	19.4	19.8	1,329,400	85,000	84,000	29.2	29.6	2,484,000
Griggs	500	500	18.0	18.0	9,000	600	600	23.0	23.0	13,800
Steele	2,600	2,600	12.2	12.2	31,800	4,300	4,200	26.9	27.5	115,500
Traill	20,800	20,700	15.0	15.1	313,000	24,000	23,500	30.4	31.0	728,700
Dickey	1,000	1,000	14.8	14.8	14,800	--	--	--	--	--
LaMoure	800	700	8.6	9.9	6,900	600	500	17.5	21.0	10,500
Ransom	6,500	5,000	8.8	11.4	57,200	4,900	4,700	23.5	24.5	115,100
Richland	84,300	79,500	16.7	17.8	1,411,500	83,000	82,000	27.3	27.6	2,266,200
Sargent	6,100	6,000	12.9	13.1	78,700	3,000	2,900	21.3	22.0	63,800
Other Counties	2,500	2,400	16.8	17.5	42,100	500	400	14.4	18.0	7,200
STATE	210,000	200,000	16.7	17.5	3,500,000	235,000	230,000	27.4	28.0	6,440,000
SUGARBEETS										
			(Tons)	(Tons)	(Tons)			(Tons)	(Tons)	(Tons)
Williams	2,900	2,900	18.4	18.4	53,500	3,000	3,000	18.8	18.8	56,400
Grand Forks	11,900	10,600	12.1	13.6	143,700	12,100	12,000	18.3	18.4	221,200
Pembina	24,900	24,100	16.8	17.3	417,400	24,500	24,400	19.7	19.8	482,500
Walsh	27,800	26,500	13.0	13.6	361,400	27,200	27,100	20.4	20.4	553,700
McKenzie	5,900	5,900	19.1	19.1	112,900	6,000	6,000	20.7	20.7	123,900
Cass	20,100	20,000	13.4	13.4	268,900	20,000	20,000	16.1	16.1	322,200
Traill	27,700	27,100	12.9	13.2	358,200	26,700	26,600	19.1	19.2	511,100
Richland	26,100	25,300	11.4	11.7	296,800	25,800	25,500	14.6	14.7	376,100
Other Counties	300	300	14.0	14.0	4,200	300	300	16.3	16.3	4,900
STATE	147,600	142,700	13.7	14.1	2,017,000	145,600	144,900	18.2	18.3	2,652,000

DRY BEANS

DRY BEANS: Acreage, Yield and Production by Counties, North Dakota, 1980 (Revised) and 1981 (Preliminary)

District and County	1980					1981				
	Acres Planted	Acres Harvested	Yield per Acre		Production	Acres Planted	Acres Harvested	Yield per Acre		Production
			Pltd.	Harv.				Pltd.	Harv.	
	(Acres)	(Acres)	(Lbs.)	(Lbs.)	(000 Lbs.)	(Acres)	(Acres)	(Lbs.)	(Lbs.)	(000 Lbs.)
Ward	700	600	570	660	397	400	400	1180	1180	4720
Williams	1,200	1,100	1,630	1,780	1,958	900	900	1860	1860	16,722
Benson	500	500	960	960	480	2,300	2,300	1000	1000	22,950
Bottineau	---	---	---	---	---	2,700	2,600	840	870	22,620
Pierce	600	600	1000	1000	600	2,300	2,200	860	900	19,800
Cavalier	2,500	2,300	1070	1160	2,676	13,500	13,200	730	740	98,200
Grand Forks	60,000	59,000	970	990	58,410	90,000	87,000	1040	1080	939,578
Nelson	1,000	1,000	980	980	980	12,500	12,000	930	970	116,755
Pembina	37,500	34,500	1380	1500	51,750	71,500	68,000	750	790	537,282
Ramsey	2,100	1,900	1130	1250	2,375	5,800	5,700	980	990	56,626
Towner	900	800	930	1050	840	2,700	2,600	1050	1090	28,226
Walsh	31,000	30,500	980	990	30,272	50,000	47,500	970	1020	486,480
McKenzie	1,400	1,400	1490	1490	2,086	1,700	1,600	1520	1620	25,883
McLean	900	900	800	800	720	3,000	2,900	1270	1310	37,990
Mercer	---	---	---	---	---	1,100	1,100	1260	1260	13,860
Eddy	500	500	1,900	1,900	950	800	800	1270	1270	10,129
Sheridan	---	---	---	---	---	1,000	1,000	1000	1000	9,996
Stutsman	---	---	---	---	---	2,800	2,700	1280	1330	35,910
Wells	4,100	3,800	1,580	1,700	6,460	10,500	10,200	1210	1250	127,500
Barnes	900	900	870	870	783	1,900	1,900	1370	1370	26,030
Cass	18,000	17,000	1,120	1,190	20,230	28,200	27,500	1450	1490	409,511
Griggs	2,600	2,600	1210	1210	3,146	9,400	9,100	1160	1190	108,593
Steele	23,000	22,500	910	930	20,925	32,000	31,000	1210	1240	385,740
Traill	30,500	30,000	890	900	27,000	39,000	38,000	1240	1270	484,471
Bowman	---	---	---	---	---	500	500	850	850	4,250
Hettinger	---	---	---	---	---	700	700	950	950	6,650
Burleigh	---	---	---	---	---	1,000	1,000	1350	1350	13,505
Emmons	---	---	---	---	---	1,800	1,700	1420	1500	25,500
Dickey	12,000	11,000	550	600	6,600	5,400	5,300	880	890	47,362
LaMoure	6,600	6,100	830	900	5,490	8,700	8,600	1290	1300	112,033
Ransom	10,000	9,700	730	750	7,275	6,900	6,800	1240	1260	85,534
Richland	10,500	10,000	910	960	9,555	13,500	13,000	1400	1460	189,552
Sargent	5,400	5,200	960	1000	5,200	4,400	4,200	980	1020	42,959
Other Counties	600	600	1070	1070	642	1,100	1,000	1100	1210	12,083
STATE	265,000	255,000	1010	1050	267,800	430,000	415,000	1060	1100	4,565,000





SUMMER FALLOW & STORAGE CAPACITY

Land Summer Fallowed by Counties, North Dakota, 1979-81

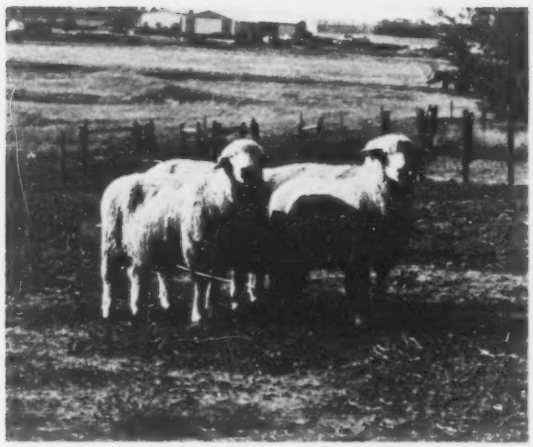
Commercial Grain Storage Capacity by Counties, North Dakota, January 1, 1980-82

District and County	Total Acres Summer Fallowed			1980 Capacity	1981 Capacity 1/	1982 2/	
	1979	1980 1/	1981 2/			No. of Houses	Capacity
	(Acres)	(Acres)	(Acres)	(000 Bu.)	(000 Bu.)	(No.)	(000 Bu.)
Burke	190,000	185,000	170,000	993	1,021	8	983
Divide	250,000	250,000	230,000	1,514	1,515	8	1,504
Mountrail	272,000	265,000	260,000	2,747	2,712	14	2,765
Renville	145,000	170,000	120,000	1,542	1,380	8	1,390
Ward	251,000	300,000	230,000	6,026	6,739	19	6,650
Williams	362,000	370,000	340,000	3,056	3,293	16	3,234
Northwest	1,470,000	1,540,000	1,350,000	15,878	16,660	73	16,526
Benson	185,000	150,000	120,000	2,446	2,679	14	2,753
Bottineau	260,000	285,000	220,000	2,990	3,431	14	3,313
McHenry	172,000	165,000	120,000	2,560	2,898	13	2,903
Pierce	130,000	125,000	75,000	897	992	5	974
Rolette	103,000	95,000	75,000	775	834	5	890
North Central	850,000	820,000	610,000	9,668	10,834	51	10,833
Cavalier	189,000	165,000	110,000	2,484	2,549	19	2,473
Grand Forks	101,000	80,000	50,000	13,982	14,567	23	14,730
Nelson	115,000	105,000	75,000	3,185	3,437	14	3,507
Pembina	70,000	55,000	45,000	2,902	2,918	17	3,043
Ramsey	158,000	170,000	145,000	4,067	4,103	21	4,066
Towner	155,000	165,000	110,000	2,385	2,332	9	2,270
Walsh	132,000	140,000	85,000	4,485	5,014	17	4,967
Northeast	920,000	880,000	620,000	33,490	34,920	120	35,056
Dunn	115,000	110,000	115,000	779	779	5	780
McKenzie	190,000	205,000	150,000	1,493	1,505	7	1,368
McLean	315,000	305,000	270,000	3,706	4,392	13	4,055
Mercer	75,000	74,000	70,000	1,281	1,230	4	1,232
Oliver	45,000	36,000	35,000	--	--	--	--
West Central	740,000	730,000	640,000	7,259	7,906	29	7,435
Eddy	42,000	35,000	30,000	855	853	5	905
Foster	70,000	57,000	35,000	4,187	5,392	8	5,105
Kidder	48,000	63,000	30,000	836	815	6	815
Sheridan	110,000	130,000	100,000	910	860	5	870
Stutsman	200,000	180,000	125,000	14,165	15,435	16	15,056
Wells	160,000	135,000	100,000	2,693	3,194	14	3,255
Central	630,000	600,000	420,000	23,646	26,549	54	26,006
Barnes	100,000	74,000	70,000	5,435	5,810	19	6,840
Cass	39,000	25,000	15,000	10,216	10,601	35	10,736
Griggs	65,000	55,000	35,000	1,720	2,131	10	2,138
Steele	47,000	36,000	30,000	1,556	1,853	7	1,877
Traill	39,000	30,000	10,000	4,347	4,243	12	4,264
East Central	290,000	220,000	160,000	23,274	24,638	83	25,855
Adams	124,000	142,000	115,000	1,697	1,643	6	1,528
Billings	40,000	39,000	35,000	--	--	--	--
Bowman	125,000	133,000	125,000	2,374	2,404	5	2,482
Golden Valley	90,000	99,000	95,000	910	910	6	911
Hettinger	216,000	230,000	200,000	1,760	1,885	9	1,817
Slope	110,000	113,000	110,000	--	--	--	--
Stark	165,000	174,000	160,000	3,271	3,383	10	3,285
Southwest	870,000	930,000	840,000	10,012	10,225	36	10,023
Burleigh	100,000	125,000	90,000	1,833	1,532	6	1,526
Emmons	85,000	68,000	40,000	1,330	1,326	8	1,332
Grant	115,000	111,000	100,000	982	966	7	970
Morton	105,000	128,000	100,000	2,073	2,024	10	2,015
Sioux	25,000	38,000	40,000	170	172	2	180
South Central	430,000	470,000	370,000	6,388	6,020	33	6,023
Dickey	30,000	22,000	20,000	2,573	2,711	9	2,733
LaMoure	75,000	68,000	60,000	2,934	3,074	13	3,049
Logan	55,000	70,000	55,000	1,491	1,419	6	1,394
McIntosh	60,000	55,000	30,000	959	1,240	9	1,489
Ransom	22,000	19,000	10,000	1,101	1,070	6	1,055
Richland	30,000	14,000	10,000	5,594	5,361	21	5,389
Sargent	28,000	12,000	5,000	1,973	2,183	13	2,244
Southeast	300,000	260,000	190,000	16,625	17,058	77	17,353
STATE	6,500,000	6,450,000	5,200,000	146,240	154,810	556	155,110

1/ Revised. 2/ Preliminary.

LIVESTOCK

DAIRY



POULTRY

NORTH DAKOTA LIVESTOCK

CATTLE

The number of cattle and calves on North Dakota farms and ranches totaled 2 million head on January 1, 1982, an increase of 8 percent from the previous year. This is the largest year-to-year increase since 1974. Beef cow numbers rose 7 percent from the January 1, 1981 estimate, but dairy cows fell 1 percent to total 92,000 head. All cows, at 1,070,000 head, increased 7 percent from the total of a year earlier. Beef replacement heifers were up 8 percent over the previous year, but dairy replacement heifers fell 5 percent from the January 1, 1981 estimate. The 1981 calf crop of 1,050,000 was down 1 percent from the previous year.

Total value of cattle and calves was estimated at 860 million dollars, down 9 percent from last year. Value per head fell from 510 dollars on January 1, 1981 to $430 per head in 1982. The number of cattle farms in 1981, at 20,000, was down 5 percent from the previous year while the number of dairy farms was unchanged at 4,200.

HOGS

The number of hogs and pigs on North Dakota farms totaled 280,000 on December 1, 1981, up 6 percent from December 1, 1980. Breeding hogs, at 40,000 head, was unchanged from the previous year, but market hogs increased 7 percent to total 240,000 head on December 1, 1981. Average value for all hogs, at $58.50 per head was down from $65.50 per head in 1980, but above the 1979 level of $55.50.

Hog producers farrowed 33,000 sows between December 1, 1980 and June 1, 1981, 1,000 less than during the same period a year earlier. Thirty-two thousand sows were farrowed during June-November, 1981, up 14 percent from the comparable period last year. Average litter size was 7.2 pigs for the spring crop, and 7.4 pigs per litter for the fall crop. Number of hog farms totaled 3,700 in 1981, down 300 (7 percent) from 1980.

Number of Livestock Farms by Specie and Number of All Farms, North Dakota, 1977-1981

Year	All Cattle	Milk Cows	Hogs	All Sheep	All Farms
	- - - Thousand - - -				
1977	24.0	5.5	5.0	1.9	41.0
1978	22.0	5.1	4.8	1.8	41.0
1979	22.0	4.8	4.5	1.8	40.5
1980	21.0	4.2	4.0	2.1	40.0
1981	20.0	4.2	3.7	2.1	39.0

SHEEP

All sheep and lambs on North Dakota farms totaled 280,000 head on January 1, 1982, an increase of 3 percent from January 1, 1981. Stock sheep and lambs totaled 230,000, up 10 percent from the previous year, and the highest number since 1974. The 1981 lamb crop, at 196,000 head was up 13 percent from 1980, and the largest since 1975. Sheep and lambs on feed for the slaughter market totaled 50,000 head, down 19 percent from last year.

The total value of sheep and lambs on hand January 1, 1982 was estimated at 15.3 million dollars, down from 19.0 million dollars a year earlier. Average value per head was estimated at $54.50, down sharply from $70.00 on January 1, 1981, and $95.50 in 1980. The number of sheep farms was unchanged from 1980, at 2,100.

DAIRY

A total of 963 million pounds of milk was produced in North Dakota during 1981, an increase of 3 percent from 1980. Milk production per cow, was a record high 10,355 pounds. An average of 93,000 milk cows were in production during 1981, the same number as in 1980.

Of the total milk produced, 399 million pounds was sold as fluid grade to plants and 530 million pounds was sold as manufacturing grade to plants. Milk consumed on farms totaled 12 million pounds, while 22 million pounds of whole milk were fed to livestock.

For 1981, the farm value of the total milk production was $121.3 million, up from $110.8 million in 1980. The average price received per hundredweight was $12.60 in 1981, compared to $11.80 in 1980. Average fat test for 1981 was 3.58, compared to 3.57 in 1980.

POULTRY

There were 450,000 chickens on North Dakota farms as of December 1, 1981. This represents a 7 percent increase from the December 1, 1980 total. Hens and pullets of laying age totaled 370,000, an increase of 10 percent from a year earlier. Number of pullets 3 months old and older, was unchanged from the previous year. The average value per bird at $2.15, was down 2 percent from $2.20 a year earlier, and the total value of the inventory increased 5 percent to 968,000 dollars.

Turkey producers raised an estimated 1,050,000 birds in 1981, 12 percent more than in 1980. Gross income from turkeys at 7,069,000 dollars, down 11 percent from 1980.

Livestock Inventory and Value, North Dakota, January 1, 1980-1982

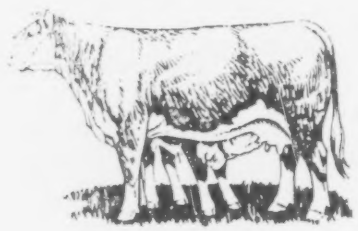
Species	Inventory			Value Per Head			Total Value		
	1980	1981	1982	1980	1981	1982	1980	1981	1982
	- - Thousand Head - -			- - Dollars - -			- - Thousand Dollars - -		
All Cattle	2,000	1,850	2,000	535.00	510.00	430.00	1,070,000	943,500	860,000
All Hogs 1/	370	265	280	55.50	65.50	58.50	20,535	17,358	16,380
All Sheep	236	272	280	95.50	70.00	54.50	22,538	19,040	15,260
All Chickens 1/	520	420	450	1.45	2.20	2.15	754	924	968

1/ Relates to December 1 previous year.

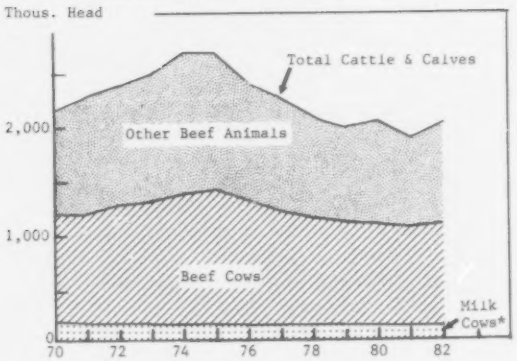
CATTLE

Cattle Inventory Numbers, North Dakota, Specified Dates, 1979-82

Class	1979		1980		1981		1982
	January 1	July 1	January 1	July 1	January 1	July 1	January 1
	- - - - - Thousand Head - - - - -						
ALL CATTLE	1,967	2,460	2,000	2,420	1,850	2,420	2,000
Cows & Heifers that have calved	1,058	1,109	1,055	1,098	1,003	1,092	1,070
Beef	962	1,014	962	1,005	910	999	978
Milk	96	95	93	93	93	93	92
Heifers over 500 lbs.	224	224	232	198	218	217	233
Beef Replacement	121	155	140	130	120	129	130
Milk Replacement	22	22	22	22	22	19	21
Other	81	47	70	46	76	69	82
Steers over 500 lbs.	142	138	143	127	148	123	160
Bulls over 500 lbs.	49	49	50	48	46	48	50
Steers, Heifers & Bulls under 500 lbs.	494	940	520	949	435	940	487



CATTLE ON FARMS,
North Dakota, January 1, 1970-82



*Includes dairy replacement heifers.

CATTLE: Production, Disposition & Income,
North Dakota, 1979-81

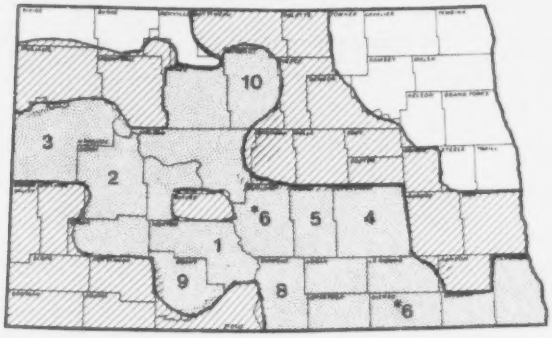
Item	Unit	1979	1980	1981
Number on Hand Beginning of Yr.	000 Head	1,967	2,000	1,850
Calves Born	000 Head	1,040	1,060	1,050
Inshipments	000 Head	53	50	52
Marketings:				
Cattle	000 Head	587	760	583
Calves	000 Head	349	411	305
Total	000 Head	936	1,171	888
Farm Slaughter	000 Head	9	10	6
Deaths:				
Cattle	000 Head	25	19	18
Calves	000 Head	90	60	40
Total	000 Head	115	79	58
Number on Hand End of Yr.	000 Head	2,000	1,850	2,000
Production	000 Lbs.	741,780	818,240	806,420
Marketings	000 Lbs.	739,440	929,700	708,660
Price/100 Lbs.:				
Cattle	Dollars	67.70	61.10	55.30
Calves	Dollars	88.60	78.20	63.10
Total	Dollars	71.15	63.75	56.47
Cash Receipts	000 Dols.	526,130	592,645	400,196
Value of Home Consumption	000 Dols.	12,629	12,764	7,939
Gross Income	000 Dols.	538,759	605,409	408,135

Historic Cattle Inventory Numbers,
North Dakota, January 1, 1973-82

Year	Beef Cows	Dairy Cows	Other	Total Cattle & Calves
	- - - Thousand Head - - -			
1973	1,125	124	1,186	2,435
1974	1,185	120	1,330	2,635
1975	1,242	116	1,277	2,635
1976	1,156	113	1,111	2,380
1977	1,065	108	1,062	2,235
1978	976	104	970	2,050
1979	962	96	909	1,967
1980	962	93	945	2,000
1981	910	93	847	1,850
1982	978	92	930	2,000

CATTLE CONT.

DISTRIBUTION OF ALL CATTLE BY COUNTIES,
NORTH DAKOTA, JANUARY 1, 1982



Less than 20,000 Head

20,000 - 39,999 Head

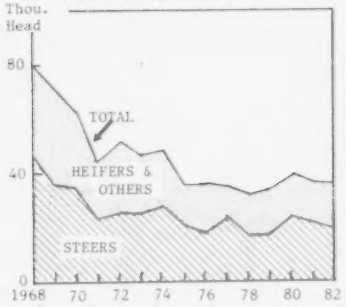
40,000 Head & Over

*Denotes Tie in Rankings

Cattle on Feed for Slaughter Market by Class & Weight Groups
by Quarterly Dates, North Dakota, 1981-1982

Class & Weight Groups	January 1		April 1	July 1	October 1
	1981	1982	1981	1981	1981
	- - - Number of Head - - -				
Cattle on Feed	37,000	36,000	38,000	45,000	26,000
By Classes					
Steers & Steer Calves	22,000	20,000	21,000	26,000	18,000
Heifers & Heifer Calves	14,000	16,000	16,000	19,000	8,000
Cows & Other	1,000	0	1,000	0	0
By Weight Group					
Under 500 Pounds	2,000	0	0	0	0
500-699 Pounds	11,000	17,000	15,000	8,000	2,000
700-899 Pounds	11,000	13,000	15,000	23,000	9,000
900 Pounds & Over	12,000	6,000	7,000	14,000	15,000

CATTLE ON FEED
North Dakota, Jan. 1, 1968-82



Commerical Livestock Slaughter,
North Dakota, 1979-81

Year	Number	Average Liveweight Per Head	Total Liveweight	Red Meat Production
	(000 Hd.)	(Lbs.)	(000 Lbs.)	(000 Lbs.)
		CATTLE		
1979	57.3	1,144	65,581	NA
1980	134.5	1,051	141,435	NA
1981	165.7	1,060	175,693	NA
		HOGS		
1979	27.4	243	6,645	NA
1980	50.7	234	11,859	NA
1981	57.6	240	13,818	NA
		ALL SPECIES		
1979	85.7	NA	72,415	34,966
1980	186.5	NA	153,568	81,215
1981	224.7	NA	189,806	103,220

NA - Not Available

Number of Cattle Feedlots by Size Groups
and Number of Fed Cattle Marketed,
North Dakota, 1977-81

Year	Feedlot Capacity				Total All Feedlots	
	Under 1,000 Head		1,000 Head & Over			
	No. Lots	Cattle Mktd.	No. Lots	Cattle Mktd.	No. Lots	Cattle Mktd.
	(No.)	(000 Hd.)	(No.)	(000 Hd.)	(No.)	(000 Hd.)
1977	886	29	12	34	898	63
1978	1,488	41	12	29	1,500	70
1979	1,481	32	19	38	1,500	70
1980	1,437	37	13	36	1,450	73
1981 1/	1,435	47	15	28	1,450	75

1/ Preliminary.

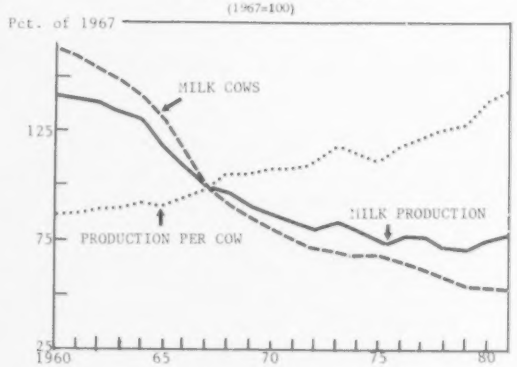
DAIRY

MILK: Production, Disposition & Income, North Dakota, 1980 (Revised), 1981 (Preliminary)

Item	Unit	1980	1981
Average Number of Milk Cows on Farms	000 Head	93	93
Production of Milk and Milkfat			
a) Per Cow, Milk	Pounds	10,097	10,355
b) Per Cow, Milkfat	Pounds	360	371
c) Percent of fat in Milk	Percent	3.57	3.58
d) Total:			
Milk	Mil.Lbs.	939	963
Milkfat	Mil.Lbs.	34	34
Milk Used on Farms Where Produced			
a) Fed to Calves	Mil.Lbs.	23	22
b) Used for milk cream & butter	Mil.Lbs.	12	12
c) Total	Mil.Lbs.	35	34
Milk Marketed by Farmers			
Sold to plants and dealers as whole milk 1/	Mil.Lbs.	904	929
Combined Marketing of Milk and Cream			
a) Milk utilized	Mil.Lbs.	904	929
b) Average returns			
1. Per 100 lbs. of milk	Dollars	11.80	12.60
2. Per lb. of milkfat	Dollars	3.31	3.52
c) Cash Receipts from marketing	000 $	106,672	117,054
Used for Milk, Cream and Butter on Farms Where Produced			
a) Milk utilized	Mil.Lbs.	12	12
b) Value	000 $	1,416	1,512
Gross Producer Income 2/	000 $	108,088	118,566
Farm Value of Milk Produced	000 $	110,802	121,338

1/ Includes small amount of farm skimmed cream and milk and cream retailed directly to consumer by producers.
2/ Cash receipts plus value of milk used for home consumption.

Index of Milk Production, Number of Milk Cows and Milk Per Cow North Dakota, 1960-81
(1967=100)



MILK PRODUCTION: Cows Milked, Production Per Cow and Total Production, North Dakota, by Months, 1980-1981

Month	No. of Cows Milked		Production Per Cow		Total Milk Produced	
	1980	1981	1980	1981	1980	1981
	(000 Hd.)		(Lbs.)		(Mil. Lbs.)	
January	93	93	770	830	72	77
February	93	93	750	770	70	72
March	93	93	850	890	79	83
April	93	93	910	950	85	88
May	93	93	990	1,050	92	98
June	93	93	980	1,040	91	97
July	93	93	970	990	90	92
August	93	92	860	880	80	81
September	93	92	760	750	71	69
October	93	92	770	720	72	66
November	93	92	710	720	66	66
December	93	92	760	800	71	74
ANNUAL 1/	93	93	10,097	10,355	939	963

1/ Average number on farms during year.

MONTHLY NATURAL CHEESE & CREAMERY BUTTER PRODUCTION North Dakota, 1980-81

Month	Natural Cheese		Creamery Butter	
	1980	1981	1980	1981
	- - - - Thousand Pounds - - - -			
January	3,695	3,765	505	707
February	3,587	3,674	472	648
March	3,962	4,197	525	741
April	4,406	4,622	573	681
May	4,641	5,353	703	631
June	4,687	5,843	666	444
July	4,828	5,289	605	440
August	4,363	4,412	450	466
September	3,870	3,605	513	271
October	3,470	3,416	541	300
November	3,164	3,440	524	346
December	3,513	4,090	624	313
Total	48,186	51,706	6,701	5,988

Source: See table below.

MANUFACTURED DAIRY PRODUCTS PRODUCTION North Dakota, 1980-81

Item	Unit	1980	1981
Creamery Butter	000 Lbs.	6,701	5,988
Cheese (excludes cottage cheese)	000 Lbs.	48,186	51,706
Cottage Cheese Creamed	000 Lbs.	3,506	3,903
Lowfat Cottage Cheese	000 Lbs.	1,971	2,607
Non-Fat Dry Milk: Human Food	000 Lbs.	4,900	5,660
Dry Buttermilk	000 Lbs.	766	535
Ice Cream	000 Gals.	2,459	2,256
Ice Milk	000 Gals.	987	1,045
Milk Sherbet	000 Gals.	122	118
Ice Cream Mix	000 Gals.	1,229	1,126
Ice Milk Mix	000 Gals.	426	436
Milk Sherbet Mix	000 Gals.	82	82

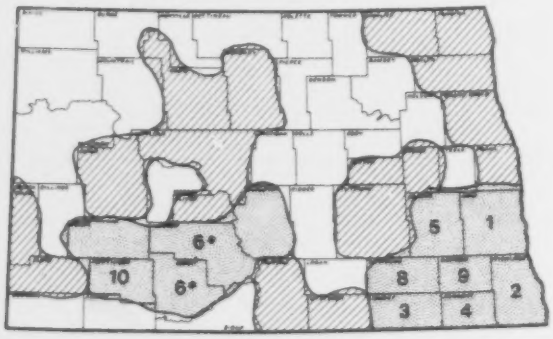
Source: N.D. State Dairy Commissioner and N.D. Crop and Livestock Reporting Service cooperating.

HOGS

Hog and Pig Inventory Numbers, North Dakota, Specified Dates, 1979-1981

Class	1979		1980		1981	
	June 1	December 1	June 1	December 1	June 1	December 1
	- - - - - - -Thousand Head - - - - - - -					
ALL HOGS & PIGS	330	370	330	265	300	280
Kept for Breeding	58	56	48	40	44	40
Market	272	314	282	225	256	240
Market Hogs & Pigs by Weight Groups						
Under 60 Lbs.	145	104	140	83	142	72
60-119 Lbs.	57	78	62	56	56	81
120-179 Lbs.	41	69	46	45	31	58
180 Lbs. & Over	29	63	34	41	27	29
PIG CROP	Spring	Fall	Spring	Fall	Spring	Fall
Sows Farrowed	35	38	34	28	33	32
Pigs per Litter	7.3	7.4	7.2	7.5	7.2	7.4
Pig Crop	256	281	245	210	238	237

DISTRIBUTION OF ALL HOGS BY COUNTIES,
NORTH DAKOTA, DECEMBER 1, 1981



Less than 2,999 Head

7,000 Head & Over

3,000 - 6,999 Head

* Denotes Tie in Rankings

HOGS: Production, Disposition & Income,
North Dakota, 1979-81

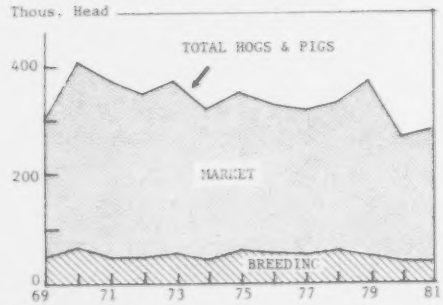
Item	Unit	1979	1980	1981
Number on Hand Beginning of Yr. 1/	000 Head	335	370	265
Pig Crop	000 Head	537	455	475
Inshipments	000 Head	16	15	10
Marketings	000 Head	457	510	400
Farm Slaughter	000 Head	16	15	15
Deaths	000 Head	45	50	55
Number on Hand End of Yr.	000 Head	370	265	280
Production	000 Lbs.	109,581	96,859	90,210
Marketings	000 Lbs.	95,605	105,518	82,475
Price/100 Lbs.	Dollars	40.80	35.00	40.80
Cash Receipts	000 Dols.	39,801	37,989	34,714
Value of Home Consumption	000 Dols.	3,835	2,591	2,876
Gross Income	000 Dols.	43,636	40,580	37,590

1/ December 1 preceding year.

Historic Hog Inventory Numbers
North Dakota, December 1, 1972-81

Year	Breeding	Market	Total	Year	Breeding	Market	Total
	- - - - Thousand Head - - - -						
1972	53	303	356	1977	54	266	320
1973	60	314	374	1978	61	274	335
1974	45	277	322	1979	56	314	370
1975	61	289	350	1980	40	225	265
1976	59	271	330	1981	40	240	280

HOGS & PIGS ON FARMS
North Dakota, December 1, 1969-81

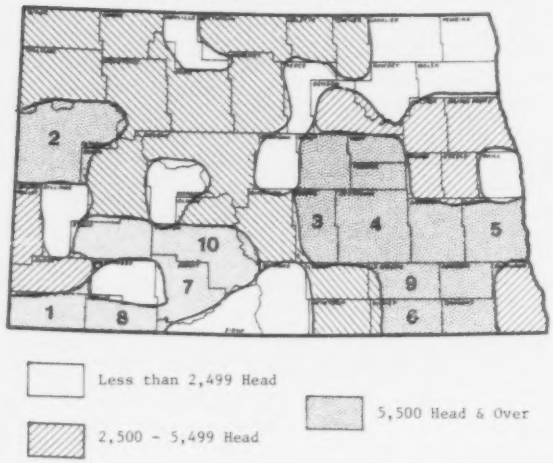


SHEEP

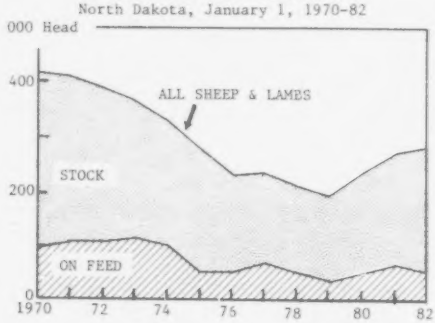
SHEEP INVENTORY NUMBERS
North Dakota, January 1, 1980-82

Class	1980	1981	1982
	- -Thousand Head- -		
All Sheep & Lambs	236	272	280
Number on Feed	46	62	50
Total Stock Sheep	190	210	230
Ewes 1 year plus	135	153	165
Ewe Lambs	39	39	46
Wether & Ram Lambs	10	11	12
Rams & Wether 1 year plus	6	7	7

DISTRIBUTION OF ALL SHEEP BY COUNTIES
NORTH DAKOTA, JANUARY 1, 1982



SHEEP AND LAMBS ON FARMS
North Dakota, January 1, 1970-82



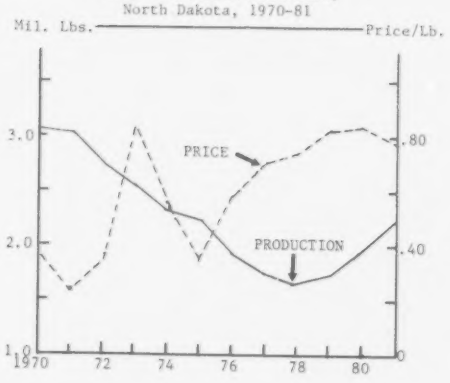
HISTORIC SHEEP INVENTORY NUMBERS
North Dakota, January 1, 1973-82

Year	On Feed	Stock Sheep	Total	Year	On Feed	Stock Sheep	Total
	- - 000 Head - -				- - 000 Head - -		
1973	110	256	366	1978	48	165	213
1974	100	230	330	1979	38	160	198
1975	55	221	276	1980	46	190	236
1976	53	178	231	1981	62	210	272
1977	62	174	236	1982	50	230	280

SHEEP & LAMBS
Production, Disposition & Income,
North Dakota, 1979-81

Item	Unit	1979	1980	1981
Number on Hand Beginning of Yr.	000 Head	198	236	272
Lambs Saved	000 Head	143	173	196
Inshipments	000 Head	22	14	13
Marketings:				
Sheep	000 Head	7	14	21
Lambs	000 Head	80	96	139
Total	000 Head	87	110	160
Farm Slaughter	000 Head	1	1	1
Deaths:				
Sheep	000 Head	19	20	20
Lambs	000 Head	20	20	20
Total	000 Head	39	40	40
Number of Hand End of Year	000 Head	236	272	280
Production	000 Lbs.	11,694	14,353	16,522
Marketings	000 Lbs.	8,387	10,782	15,742
Price/100 Lbs.:				
Sheep	Dollars	24.50	24.60	16.80
Lambs	Dollars	68.20	61.90	48.90
Total	Dollars	63.65	55.84	43.55
Cash Receipts	000 Dols.	5,338	6,021	6,855
Value of Home Consumption	000 Dols.	143	129	102
Gross Income	000 Dols.	5,481	6,150	6,957
	WOOL			
Sheep Shorn	000 Head	175	212	230
Production	000 Lbs.	1,704	1,989	2,216
Fleece Weight	Pounds	9.7	9.4	9.6
Price/Lb.	Dollars	.82	.84	.79
Value of Production	000 Dols.	1,397	1,671	1,751

WOOL PRODUCTION AND PRICE,
North Dakota, 1970-81



POULTRY & HONEY

Chicken Inventory by Class,
North Dakota, December 1, 1979-81

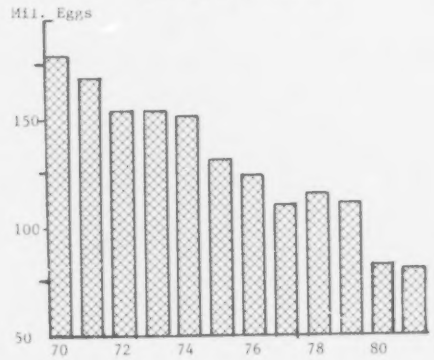
Class	1979	1980	1981
	(Thousand Head)		
ALL CHICKENS	520	420	450
Hens Laying Age	260	210	203
Pullets Laying Age	180	125	167
Other (Including Broilers)	80	85	80

EGG PRODUCTION: Average Number of Layers and
Total Egg Production by Quarters, North Dakota, 1979-81

Quarter Ending	Average Number of Layers			Eggs Produced		
	1979	1980	1981 1/	1979	1980	1981 1/
	(000 Layers)			(Mil. Eggs)		
Dec. 2/	490	360	343	27	24	19
March	500	410	355	28	22	19
June	490	365	363	31	21	21
Sept.	460	350	348	28	20	20
Annual	479	367	356	111	82	80

1/ Preliminary. 2/ December preceding year.

EGG PRODUCTION,
North Dakota, 1970-81



POULTRY: Production, Disposition & Income,
North Dakota, 1979-81

Item	Unit	1979	1980	1981
CHICKENS				
Raised	000 Birds	800	1,500	1,475
Lost	000 Birds	150	200	170
Produced	000 Birds	650	1,300	1,305
Consumed on Farms	000 Birds	300	600	540
Sold	000 Birds	390	800	735
Lbs. Produced	000 Lbs.	2,598	5,212	5,274
Consumed on Farms	000 Lbs.	1,140	2,280	2,052
Lbs. Sold	000 Lbs.	1,638	3,360	3,087
Price/Lb.	Cents	4.0	4.0	7.0
Cash Receipts	000 Dols.	66	134	216
Value of Chickens Consumed	000 Dols.	46	91	144
Gross Income	000 Dols.	112	225	360
EGGS				
Number of Layers During Year	000 Birds	479	367	356
Eggs per Layer	Number	232	223	225
Eggs Produced	Mil. Eggs	111	82	80
Eggs Consumed on Farms	Mil. Eggs	10	6	6
Eggs Sold	Mil. Eggs	101	76	74
Price/Dozen	Cents	38.0	36.0	39.0
Cash Receipts	000 Dols.	3,198	2,280	2,405
Value of Eggs Consumed on Farms	000 Dols.	317	180	195
Gross Income	000 Dols.	3,515	2,460	2,600
TURKEYS				
Number Raised 1/	000 Head	950	940	1,050
Production	000 Lbs.	15,200	16,920	19,635
Price/Lb.	Cents	43.0	47.0	36.0
Gross Income	000 Dols.	6,536	7,952	7,069

1/ Based on turkeys hatched September 1 to August 31. Excludes young turkeys lost.

Colonies of Bees, Honey and Beeswax Production and Prices, North Dakota, 1977-81

Year	Honey						Beeswax		
	Colonies	Yield Per Colony	Production	Price Per Pound	Total Value	Stocks On Hand	Production	Price Per Pound	Total Value
	(000)	(Lbs.)	(000 Lbs.)	(Dollars)	(000 Dols)	(000 Lbs.)	(000 Lbs.)	(Dollars)	(000 Dols)
1977	136	88	11,968	.490	5,864	1,077	168	1.63	274
1978	160	128	20,480	.471	9,646	2,600	348	1.81	630
1979	190	120	22,800	.519	11,833	3,648	365	1.83	668
1980	220	65	14,300	.528	7,550	2,145	257	1.95	501
1981	265	87	23,055	.550	12,680	5,994	369	1.99	734

ALL CATTLE & MILK COWS

All Cattle on North Dakota Farms by Counties, 5-Year Average, January 1 Numbers, 1980-82

Milk Cows on North Dakota Farms by Counties, January 1, 1980-82

District and County	All Cattle 5-Year Average 1/ 1977-81	All Cattle Number on Farms 1980	All Cattle Number on Farms 1981	All Cattle Number on Farms 1982	Milk Cows 5-Year Average 1/ 1977-81	Milk Cows Number on Farms 1980	Milk Cows Number on Farms 1981	Milk Cows Number on Farms 1982
	- - - - - Number of Head - - - - -							
Burke	16,000	15,000	15,000	17,000	600	700	600	600
Divide	17,000	16,000	15,000	15,000	300	300	200	200
Mountrail	38,000	36,000	34,000	39,000	1,400	1,200	1,400	1,500
Renville	10,000	9,000	9,000	10,000	800	600	700	700
Ward	41,000	41,000	36,000	42,000	2,700	2,000	1,900	2,000
Williams	38,000	37,000	32,000	36,000	600	600	600	600
Northwest	161,000	154,000	141,000	159,000	6,400	5,400	5,400	5,600
Benson	33,000	30,000	29,000	31,000	1,500	1,500	1,700	1,700
Bottineau	23,000	22,000	21,000	22,000	800	900	800	800
McHenry	70,000	66,000	62,000	61,000	3,000	2,600	2,800	2,700
Pierce	30,000	28,000	27,000	27,000	2,700	2,500	2,500	2,500
Rolette	23,000	23,000	22,000	22,000	700	600	700	700
North Central	179,000	169,000	161,000	163,000	8,600	8,100	8,500	8,400
Cavalier	11,000	11,000	10,000	10,000	400	400	300	300
Grand Forks	18,000	18,000	15,000	14,000	1,100	900	1,000	1,000
Nelson	16,000	16,000	16,000	16,000	1,000	1,000	1,100	1,100
Pembina	11,000	11,000	10,000	10,000	300	200	200	200
Ramsey	10,000	9,000	8,000	8,000	500	500	400	400
Towner	7,000	6,000	7,000	8,000	300	200	300	300
Walsh	20,000	20,000	19,000	19,000	1,000	1,000	1,000	1,100
Northeast	94,000	91,000	85,000	85,000	4,500	4,200	4,300	4,400
Dunn	91,000	94,000	86,000	101,000	2,200	1,700	1,900	2,000
McKenzie	79,000	78,000	74,000	80,000	500	400	500	500
McLean	46,000	47,000	45,000	47,000	2,400	2,100	2,300	2,400
Mercer	47,000	48,000	41,000	45,000	1,900	1,400	1,600	1,600
Oliver	35,000	34,000	35,000	38,000	2,100	2,100	2,200	2,200
West Central	297,000	301,000	281,000	311,000	9,200	7,700	8,500	8,700
Eddy	22,000	23,000	21,000	19,000	800	700	700	600
Foster	27,000	29,000	26,000	26,000	600	700	500	500
Kidder	74,000	74,000	70,000	74,000	3,200	2,800	3,000	2,900
Sheridan	31,000	31,000	29,000	30,000	1,900	1,700	1,800	1,800
Stutsman	77,000	74,000	70,000	76,000	4,800	4,700	4,800	4,500
Wells	34,000	30,000	28,000	31,000	1,700	1,700	1,700	1,600
Central	264,000	261,000	244,000	256,000	13,000	12,300	12,500	11,900
Barnes	38,000	36,000	32,000	37,000	1,800	1,600	1,500	1,600
Cass	32,000	31,000	27,000	30,000	1,300	1,000	1,100	1,100
Griggs	21,000	21,000	20,000	21,000	1,000	1,100	1,100	1,100
Steele	8,000	7,000	7,000	8,000	300	200	200	200
Traill	10,000	9,000	9,000	10,000	800	900	600	400
East Central	109,000	104,000	95,000	106,000	5,200	4,800	4,500	4,400
Adams	33,000	34,000	30,000	34,000	800	700	500	400
Billings	30,000	31,000	28,000	31,000	400	400	300	300
Bowman	32,000	35,000	30,000	35,000	500	500	400	300
Golden Valley	26,000	27,000	28,000	31,000	800	700	700	600
Hettinger	29,000	28,000	25,000	29,000	2,100	2,000	2,000	1,900
Slope	29,000	30,000	27,000	31,000	600	800	700	700
Stark	60,000	59,000	52,000	59,000	5,200	5,100	4,900	4,500
Southwest	241,000	244,000	220,000	250,000	10,400	10,100	9,500	8,700
Burleigh	61,000	65,000	60,000	66,000	2,400	2,500	2,500	2,500
Emmons	65,000	64,000	62,000	65,000	5,600	5,900	6,100	6,000
Grant	67,000	66,000	62,000	63,000	4,000	3,700	3,800	3,700
Morton	105,000	104,000	96,000	102,000	8,200	7,700	7,600	7,600
Sioux	36,000	33,000	30,000	36,000	1,000	900	900	900
South Central	334,000	332,000	310,000	332,000	21,200	20,700	20,900	20,700
Dickey	65,000	68,000	60,000	66,000	2,300	2,500	2,300	2,300
LaMoure	45,000	45,000	39,000	45,000	4,000	3,900	3,600	3,700
Logan	54,000	56,000	52,000	57,000	3,900	3,700	3,700	3,800
McIntosh	48,000	48,000	47,000	50,000	4,500	4,500	4,500	4,500
Ransom	40,000	39,000	34,000	35,000	1,200	1,300	1,200	1,300
Richland	43,000	42,000	39,000	43,000	2,600	2,100	2,000	2,100
Sargent	47,000	46,000	42,000	42,000	1,700	1,700	1,600	1,500
Southeast	343,000	344,000	313,000	338,000	20,300	19,700	18,900	19,200
STATE	2,020,000	2,000,000	1,850,000	2,000,000	98,800	93,000	93,000	92,000

1/ Totals may not add due to rounding.

HOGS & SHEEP

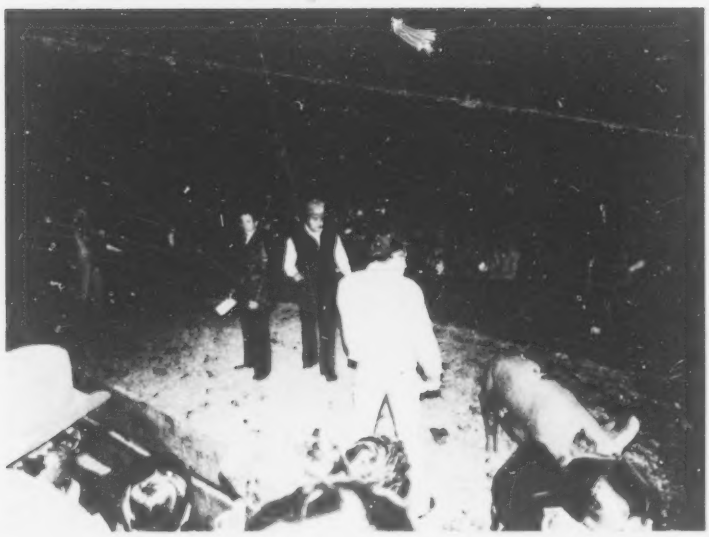
All Hogs & Pigs on Farms by Counties, North Dakota, 5-Year Average, December 1 Numbers, 1979-81

All Sheep on Farms by Counties, North Dakota, 5-Year Average, January 1, 1980-82

District and County	5-Year Average 1/ 1976-80	Number on Farms			5-Year Average 1/ 1977-81	Number on Farms		
		1979	1980	1981		1980	1981	1982
	- - - - - Number of Head - - - - -							
Burke	800	1,000	700	700	2,800	2,700	3,100	3,200
Divide	2,500	2,600	2,000	2,000	2,100	2,000	2,200	2,500
Mountrail	1,200	1,400	1,100	1,200	4,200	4,100	5,100	5,100
Renville	1,000	1,000	700	600	1,000	1,000	1,200	1,500
Ward	3,600	3,900	3,000	3,000	4,100	4,200	5,200	5,000
Williams	1,800	2,200	1,500	1,300	4,200	4,400	5,400	5,200
Northwest	10,800	12,100	9,000	8,800	18,300	18,400	22,200	22,500
Benson	4,800	5,100	3,000	2,700	2,800	2,600	3,200	2,900
Bottineau	2,400	2,700	1,700	1,500	3,600	3,500	4,000	3,500
McHenry	5,700	5,500	3,800	3,400	3,600	3,900	4,700	4,100
Pierce	1,100	1,100	900	800	1,700	1,700	2,200	2,000
Rolette	2,100	2,800	2,000	1,800	2,800	3,100	3,900	3,600
North Central	16,100	17,200	11,400	10,200	14,600	14,800	18,000	16,100
Cavalier	5,300	5,900	4,700	4,400	1,100	1,200	1,400	1,500
Grand Forks	5,000	5,900	5,100	5,000	3,400	3,000	3,100	3,200
Nelson	3,800	3,700	2,500	2,200	3,100	3,000	3,300	3,500
Pembina	8,600	8,600	6,700	6,400	2,100	2,000	2,100	2,200
Ramsey	1,900	2,100	1,600	1,500	1,700	1,700	1,800	1,900
Towner	1,900	2,300	2,000	2,000	2,800	2,800	2,900	3,000
Walsh	7,100	7,400	6,400	6,500	1,200	1,300	1,400	1,500
Northeast	33,600	35,900	29,000	28,000	15,300	15,000	16,000	16,800
Dunn	4,600	5,600	3,400	3,000	2,500	3,000	3,100	3,200
McKenzie	2,000	2,000	1,500	1,400	21,600	20,000	20,400	21,900
McLean	4,700	5,500	3,800	3,500	2,300	2,500	3,000	3,100
Mercer	2,500	3,000	1,900	1,700	1,600	1,700	1,900	2,100
Oliver	5,900	6,300	4,600	4,700	2,200	2,300	2,500	2,600
West Central	19,700	22,400	15,200	14,300	30,200	29,500	30,900	32,900
Eddy	1,200	1,400	1,000	1,200	6,600	6,100	6,300	6,800
Foster	3,000	3,700	2,900	3,400	3,900	4,000	5,200	5,500
Kidder	3,800	4,200	2,500	2,500	10,400	11,000	11,800	12,500
Sheridan	1,800	2,200	1,400	1,400	900	1,000	1,300	1,400
Stutsman	9,400	10,700	6,100	5,900	9,800	8,700	11,100	11,900
Wells	2,800	3,100	2,000	2,000	4,800	5,000	5,200	5,600
Central	22,000	25,300	15,900	16,400	36,300	35,800	40,900	43,700
Barnes	14,500	15,600	11,900	14,400	4,100	4,900	6,200	5,800
Cass	25,000	27,400	21,500	25,700	9,300	9,100	11,700	10,800
Griggs	3,000	3,200	2,600	3,100	2,100	2,400	3,100	2,900
Steele	1,400	1,600	1,200	1,500	3,400	3,500	4,000	3,700
Traill	5,600	6,300	5,200	5,900	1,800	2,000	2,100	1,900
East Central	49,400	54,100	42,400	50,600	20,700	21,900	27,100	25,100
Adams	2,900	2,900	2,000	2,000	6,400	6,900	8,500	9,300
Billings	500	500	300	300	300	300	400	400
Bowman	1,900	2,100	1,700	2,100	22,600	23,000	26,800	27,400
Golden Valley	4,500	5,700	5,000	6,200	2,600	2,800	3,600	4,000
Hettinger	8,300	9,400	7,700	9,300	1,400	1,600	2,000	2,100
Slope	3,500	3,800	2,900	3,400	3,600	3,000	3,700	3,900
Stark	8,600	10,400	7,800	9,200	4,000	4,100	5,100	5,500
Southwest	30,100	34,800	27,400	32,500	40,900	41,700	50,100	52,600
Burleigh	11,100	12,300	7,700	7,400	3,300	3,900	4,700	5,100
Emmons	8,000	10,000	5,600	5,200	1,900	1,500	1,900	2,000
Grant	13,800	16,500	11,000	11,400	8,900	8,600	8,800	9,600
Morton	14,100	15,800	11,100	11,400	6,200	7,000	7,700	8,400
Sioux	1,700	2,600	1,500	1,600	1,000	1,000	1,300	1,400
South Central	48,800	56,600	36,900	37,000	21,300	22,000	24,400	26,500
Dickey	17,900	21,000	14,800	15,800	9,100	9,300	10,400	10,700
LaMoure	11,100	13,400	9,700	10,400	6,100	6,600	8,000	8,400
Logan	1,900	2,500	1,700	1,900	2,400	2,600	3,000	3,200
McIntosh	3,500	4,900	3,800	4,100	2,800	3,200	3,900	4,000
Ransom	11,900	14,300	9,600	10,000	6,800	7,500	7,700	7,900
Richland	30,400	36,600	24,500	25,300	2,500	2,500	3,100	3,200
Sargent	16,800	18,900	13,700	14,700	5,100	5,200	6,300	6,400
Southeast	93,500	111,600	77,800	82,200	34,900	36,900	42,400	43,800
STATE	324,000	370,000	265,000	280,000	232,600	236,000	272,000	280,000

1/ Totals may not add due to rounding.

PRICES



NORTH DAKOTA PRICES

Prices received by farmers for the 1981 crop marketing season averaged lower than the levels of a year earlier for all major crops, except rye and non-oil sunflower. Prices for these two crops rose 2 and 3 percent respectively. The season average price for durum wheat dropped 31 percent, while spring wheat fell 8 percent. Prices for other crops ranged from 1 to 34 percent lower than in 1980.

Annual average prices for livestock and livestock products during 1981 ranged from a 75 percent increase from 1980 for chickens to a 32 percent decrease for sheep. Average prices for milk, milk cows, hogs and eggs increased from 1980, but all other items showed price declines.

Season average prices for crops are computed by weighting monthly sales by the estimated percentage of sales made each month during the marketing year. These prices include allowances for unredeemed loans and government purchases, if any. Calendar year averages are simple averages of the monthly prices listed.

Annual average prices for livestock are computed by weighting monthly prices by the estimated percentage of the calendar year sales made each month.

Prices received by farmers relate to the average price the farmer received for his product, generally at the point of first sale. The average price concept is the same as dividing the total dollars received by all farms by the total quantity of the commodity sold. Milk is an exception and is priced F.O.B. plant or receiving station.

Prices for all small grains, soybeans, dry edible beans, corn and sunflower are collected from a probability sample of mills and elevators, and are based on sales for the entire month. These prices reflect actual purchases, and include any premiums or discounts paid. Prices for potatoes and milk are also based on an entire month average. Livestock prices for beef cattle, sheep and hogs are collected in a similar manner, and reflect actual sales of livestock through auctions, dealers and commission firms.

Prices Received Index

The Index of Prices Received for All Farm Products averaged 260 percent of its 1966-68 base during 1981, a decrease of 3 points (1 percent) from the average for 1980.

The All Crops Index rose 7 points (3 percent) during the same period, but the All Livestock and Products Index fell 20 points (8 percent) from the average for 1980.

MONTHLY AND AVERAGE PRICES RECEIVED BY NORTH DAKOTA FARMERS FOR SELECTED CROPS, NORTH DAKOTA, 1980-81 1/

Commodity	Year 2/	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Cal.Yr. Avg. 3/
		Dollars per Bushel												
All Wheat	1980	3.69	3.78	3.73	3.73	3.94	4.33	4.83	4.68	4.45	4.60	4.74	4.71	4.27
	1981	4.67	4.46	4.41	4.37	4.23	3.99	3.76	3.58	3.49	3.54	3.62	3.50	3.97
Other Spring Wheat	1980	3.47	3.52	3.42	3.47	3.66	3.79	4.02	3.90	3.98	4.16	4.26	4.23	3.82
	1981	4.24	4.16	4.10	4.22	4.24	4.10	3.97	3.64	3.55	3.57	3.70	3.55	3.92
Durum Wheat	1980	4.14	4.18	4.05	4.00	4.45	5.07	6.04	6.00	5.48	5.41	5.43	5.55	4.98
	1981	5.29	5.00	4.93	4.70	4.21	3.70	3.48	3.50	3.40	3.50	3.54	3.46	4.06
Oats	1980	1.13	1.17	1.13	1.19	1.29	1.33	1.61	1.54	1.56	1.57	1.73	1.79	1.42
	1981	1.84	1.89	2.02	2.03	1.96	1.89	1.65	1.50	1.56	1.61	1.68	1.67	1.78
All Barley	1980	2.09	2.02	1.92	1.97	1.99	2.14	2.42	2.43	2.43	2.61	2.76	2.74	2.29
	1981	2.74	2.80	2.88	2.93	2.84	2.69	2.14	2.16	2.25	2.18	2.28	2.32	2.52
Barley, Feed	1980	1.88	1.84	1.77	1.86	1.89	1.87	2.21	2.15	1.99	2.28	2.51	2.42	2.06
	1981	2.51	2.49	2.39	2.39	2.11	1.91	1.94	1.95	1.99	1.97	2.04	1.90	2.13
Barley, Malting	1980	2.13	2.07	1.97	2.00	2.08	2.25	2.49	2.51	2.62	2.94	2.96	2.92	2.41
	1981	2.99	2.97	3.00	3.07	2.94	2.85	2.36	2.30	2.40	2.24	2.34	2.36	2.65
Flax	1980	5.55	5.76	5.79	5.31	5.60	5.84	6.44	6.90	6.99	7.10	7.18	7.65	6.34
	1981	7.63	7.46	7.21	7.31	7.56	7.32	7.25	6.86	6.39	6.18	6.63	6.81	7.05
Soybeans	1980	5.58	5.64	5.11	5.26	5.34	5.56	6.49	6.89	7.15	7.26	7.87	6.69	6.24
	1981	6.50	6.73	6.82	6.99	7.09	6.61	6.89	6.38	5.83	5.62	5.57	5.42	6.37
Dry Beans 4/	1980	28.50	28.00	28.10	27.50	26.80	28.00	28.00	23.00	23.40	24.30	25.70	24.50	26.32
	1981	25.50	27.00	26.50	26.00	32.00	32.00	--	18.50	21.50	23.00	20.50	19.50	24.73
Potatoes 4/	1980	3.65	3.55	3.25	3.05	3.25	3.15	3.15	5.00	5.00	4.50	5.20	6.25	4.08
	1981	6.50	7.50	9.00	9.50	7.50	7.50	--	--	5.40	4.25	4.40	4.25	6.58
All Hay, Baled 5/	1980	39.00	37.00	33.50	33.50	40.00	47.50	72.50	83.00	77.00	77.00	75.00	75.00	57.50
	1981	76.00	78.50	82.50	82.50	88.00	78.00	75.00	59.00	55.00	60.00	55.00	59.00	70.71
Alfalfa Hay, Baled 5/	1980	41.00	39.00	36.00	37.00	44.50	51.50	78.50	90.00	82.00	83.50	82.00	82.00	62.25
	1981	82.00	85.00	88.00	88.00	94.00	90.00	81.00	66.00	64.00	69.00	60.00	64.00	75.58
Other Hay, Baled 5/	1980	35.00	33.50	29.50	27.50	31.50	39.50	62.00	70.00	67.00	65.00	65.50	65.50	49.29
	1981	67.50	69.00	74.00	74.00	79.50	61.00	65.00	48.00	43.00	48.00	48.00	52.00	60.75

1/ Monthly prices are open market prices and do not make an allowance for unredeemed loans. 2/ 1980 Revised, 1981 Preliminary. 3/ See page 73 for season average prices. 4/ Dollars per hundredweight. 5/ Dollars per ton.

SEASON AVERAGE PRICES RECEIVED BY FARMERS FOR SELECTED CROPS
BY CROP REPORTING DISTRICTS, North Dakota, Crops of 1976-81 1/

Crop	Crop Year	Northwest	North Central	Northeast	West Central	Central	East Central	Southwest	South Central	Southeast	State Season Average
		--- Dollars per Bushel ---									
All Wheat	1979	3.89	3.99	3.98	3.60	3.78	3.78	3.51	3.57	3.70	3.82
	1980	4.73	4.50	4.31	4.14	4.16	4.15	4.79	4.30	4.26	4.40
	2/1981										3.56
Durum Wheat	1976	2.34	2.52	2.52	2.49	2.53	2.56	2.45	2.40	2.54	2.47
	1977	2.63	2.62	2.63	2.61	2.84	2.91	2.75	2.96	2.87	2.66
	1978	2.83	2.97	2.99	3.19	2.98	2.97	2.86	2.88	3.04	2.93
	1979	4.26	4.44	4.55	4.47	4.52	4.64	4.22	4.55	4.41	4.41
	1980	5.31	4.81	4.83	4.90	4.82	4.98	6.24	5.86	5.28	5.10
	2/1981										3.50
Spring Wheat Other Than Durum	1976	2.47	2.68	2.66	2.60	2.76	2.76	2.54	2.66	2.83	2.67
	1977	2.26	2.31	2.39	2.38	2.50	2.51	2.36	2.47	2.64	2.40
	1978	2.69	2.77	2.84	2.71	2.83	2.95	2.65	2.67	2.94	2.80
	1979	3.35	3.39	3.54	3.39	3.55	3.71	3.42	3.44	3.65	3.53
	1980	3.81	3.85	3.81	3.83	3.82	3.99	4.09	4.09	4.08	3.92
	2/1981										3.60
Oats	1976	1.28	1.33	1.37	1.31	1.40	1.43	1.31	1.38	1.48	1.37
	1977	.92	.93	.94	.91	.91	.96	1.05	1.10	1.00	.94
	1978	.97	.94	1.01	.97	1.00	1.03	1.04	.92	1.03	1.00
	1979	1.14	1.14	1.12	1.11	1.12	1.17	1.20	1.15	1.18	1.16
	1980	1.74	1.70	1.57	1.76	1.83	1.90	2.31	1.98	1.76	1.77
	2/1981										1.70
Malting Barley	1976	2.40	2.47	2.32	2.36	2.51	2.49	2.14	2.25	2.54	2.41
	1977	1.60	1.65	1.70	1.78	1.74	1.68	--	--	1.95	1.69
	1978	1.73	1.75	1.77	1.84	1.84	1.95	--	1.99	1.90	1.82
	1979	1.97	2.04	2.07	1.98	2.17	2 16	2.26	1.42	2.19	2.11
	1980	2.65	2.52	2.73	2.55	2.65	2.92	2.68	2.37	2.77	2.76
Feed Barley	1976	1.79	2.02	1.95	1.95	1.97	2.03	2.04	2.08	2.04	1.99
	1977	1.27	1.19	1.31	1.33	1.23	1.40	1.49	1.33	1.31	1.32
	1978	1.44	1.39	1.41	1.45	1.41	1.46	1.47	1.34	1.48	1.44
	1979	1.68	1.79	1.75	1.53	1.91	1.87	1.78	1.69	1.97	1.83
	1980	2.32	2.31	2.16	2.40	2.26	2.25	2.32	2.55	2.36	2.24
All Barley	1976	2.15	2.40	2.22	2.17	2.32	2.26	2.05	2.09	2.18	2.24
	1977	1.45	1.50	1.59	1.36	1.49	1.51	1.49	1.35	1.62	1.54
	1978	1.69	1.74	1.74	1.55	1.83	1.90	1.47	1.38	1.84	1.78
	1979	1.92	2.00	2.01	1.91	2.03	2.11	1.87	1.87	2.15	2.06
	1980	2.53	2.45	2.57	2.52	2.50	2.82	2.42	2.43	2.62	2.62
	2/1981										2.30
Flaxseed	1976	7.00	7.23	7.31	7.11	7.17	7.22	7.00	7.06	7.23	7.18
	1977	4.41	5.02	4.30	3.98	4.32	4.34	4.42	4.59	5.17	4.64
	1978	5.79	5.81	6.20	5.78	5.94	6.03	5.41	5.58	5.73	5.84
	1979	5.79	5.64	5.54	5.46	5.85	5.75	5.61	6.18	5.86	5.76
	1980	7.23	7.19	7.19	7.32	7.02	7.13	7.16	7.23	7.22	7.18
	2/1981										6.65

1/ Includes allowances for loans outstanding and purchases by the government valued at the average loan and purchase rate. Does not include government payments under the disaster and deficiency payments program. 2/ Preliminary - District prices not available at this time.

SEASON AVERAGE PRICES RECEIVED BY FARMERS FOR OTHER CROPS,
North Dakota, 1976-81

Year	Rye	Corn	Soybeans	All Hay Baled	Potatoes	Sugarbeets 1/	Dry Beans	Sunflower
	(Bu.)	(Bu.)	(Bu.)	(Ton)	(Cwt.)	(Ton)	(Cwt.)	(Cwt.)
				----- Dollars -----				
1976	2.40	2.19	7.30	45.50	3.45	19.70	11.20	11.10
1977	1.80	1.97	5.83	44.00	2.70	21.40	15.80	10.60
1978	1.69	2.06	6.75	36.00	2.60	22.90	13.50	10.40
1979	1.70	2.13	5.80	37.50	3.25	34.10	22.50	8.89
1980	2.64	2.87	7.02	75.00	6.85	46.30	24.70	11.00
1981 2/	2.70	2.20	5.60	62.00	4.50	--	20.30	10.90

1/ Does not include government payments. 2/ Preliminary.

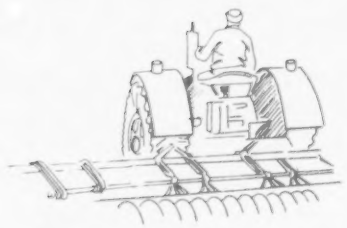
AVERAGE PRICES RECEIVED BY FARMERS FOR LIVESTOCK AND LIVESTOCK PRODUCTS, North Dakota 1980-81

Item	Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Weighted Average
		- - - Dollars per 100 Pounds Live Weight - - -												
Beef Cattle	1980	67.20	74.20	67.70	60.30	56.30	58.70	59.20	63.00	62.00	59.70	54.50	54.60	61.10
	1981	61.60	61.00	58.40	60.20	54.10	56.00	57.60	53.90	53.80	49.80	48.40	45.40	55.30
Steers & Heifers	1980	77.70	80.30	71.20	63.60	62.00	65.60	67.30	70.40	68.70	68.50	67.90	68.10	69.30
	1981	68.40	65.60	63.10	63.20	58.70	61.10	61.10	58.30	59.80	57.10	57.60	54.10	61.30
Cows	1980	48.40	50.70	47.80	46.20	42.70	43.90	45.30	45.50	46.80	44.30	42.20	42.00	44.60
	1981	44.40	46.10	46.10	45.60	44.20	44.00	46.90	43.90	42.70	39.30	36.00	33.40	41.80
Calves	1980	91.30	87.60	81.10	71.20	70.10	73.90	76.10	80.60	79.10	74.60	74.20	73.50	78.20
	1981	72.70	68.90	67.70	65.10	64.30	64.80	64.50	64.10	64.70	59.00	59.30	55.50	63.10
Hogs 1/	1980	35.20	35.20	31.60	27.10	25.80	30.60	38.40	43.50	43.40	43.00	42.20	40.10	35.00
	1981	36.60	38.70	36.60	36.90	39.20	44.10	44.20	44.20	44.90	41.70	38.80	37.50	40.80
Sheep	1980	31.00	38.00	37.00	25.00	18.00	20.70	21.40	18.10	26.10	20.30	18.40	30.50	24.60
	1981	18.60	23.20	21.80	16.20	12.60	14.80	15.80	17.20	15.40	15.50	20.40	14.00	16.80
Lambs	1980	66.60	62.60	63.30	59.10	53.10	57.00	66.50	65.00	64.20	61.40	58.90	55.90	61.90
	1981	53.80	51.80	51.90	56.20	57.30	55.50	61.00	51.50	46.50	45.00	43.60	43.60	48.90
		- - - Dollars per Head - - -												
Milk Cows	1980	1070	1080	1080	1090	1050	1020	1030	1040	1070	1080	1080	1090	1070
	1981	1090	1090	1070	1060	1060	1060	1080	1080	1070	1070	1080	1090	1080
		- - - Dollars per Hundredweight - - -												
Milk, Wholesale	1980	11.80	11.60	11.70	11.60	11.40	11.50	11.40	11.70	12.00	12.40	12.70	12.90	11.80
	1981	12.90	12.80	12.70	12.50	12.40	12.40	12.30	12.40	12.60	12.90	13.00	13.00	12.60
		- - - Cents per Pound - - -												
Wool	1980	83.0	86.0	90.0	85.0	78.0	73.0	76.0	78.0	83.0	88.0	81.0	86.0	84.0
	1981	79.0	81.0	79.0	81.0	85.0	80.0	78.0	73.0	74.0	73.0	71.0	76.0	79.0

1/ Average is based on marketing year December through November.

AVERAGE PRICE RECEIVED BY FARMERS FOR POULTRY AND POULTRY PRODUCTS, North Dakota, 1976-81

Year	Chickens	Turkeys	Eggs
	(¢/lb. live weight)		(¢/doz.)
1976	10.0	29.2	38.0
1977	4.0	35.0	37.0
1978	3.6	45.0	34.0
1979	4.0	43.0	38.0
1980	4.0	47.0	36.0
1981	7.0	36.0	39.0



AVERAGE FARM WAGE RATES BY QUARTERLY DATES, North Dakota, 1980-81*

Month	Method of Pay							
	All Hired Workers		By Hour Only		By Cash Wages Only		By Hour Receiving Cash Wages Only	
	1980	1981	1980	1981	1980	1981	1980	1981
	- - - Dollars per Hour - - -							
January	3.75	3.68	3.51	3.50	3.69	3.70	3.54	3.90
April	3.77	4.13	3.90	4.40	4.05	4.15	3.97	4.35
July	3.73		3.74		4.05		3.94	
October	4.19		4.35		4.50		4.40	
Annual Average	3.87		NA		NA		4.18	

*Estimates discontinued after April, 1981.
NA - Not Available.

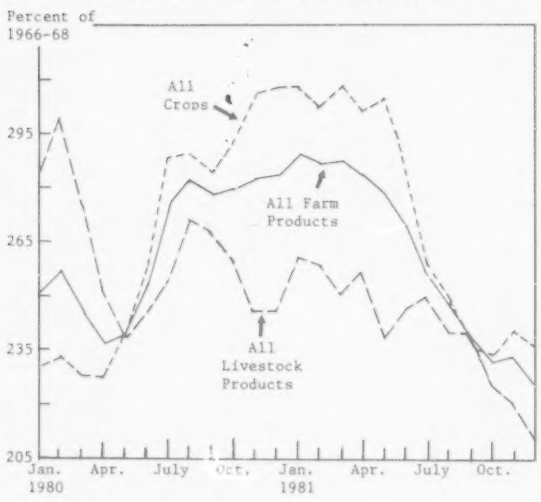
NUMBER OF PEOPLE EMPLOYED ON FARMS BY QUARTERS, North Dakota, 1980-81*

	Jan.	April	July	Oct.	Annual Average
	--- T h o u s a n d ---				
Family Workers					
1980	36	45	55	37	43
1981	32	44			
Hired Workers					
1980	5	7	13	12	9
1981	4	11			
Total Workers					
1980	41	52	68	49	52
1981	36	55			

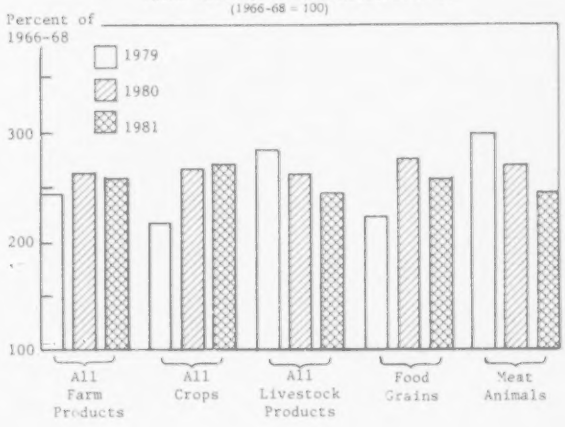
INDEXES OF PRICES RECEIVED BY FARMERS, BY MONTHS AND CALENDAR YEAR AVERAGE
North Dakota, 1980-81

Commodity	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Avg.
						(1966-68 = 100)							
1980													
Food Grains	237	243	240	239	253	278	311	301	287	297	306	304	275
Feed Grains & Hay	220	216	205	212	220	235	277	279	278	292	309	310	254
Oil Bearing Crops	201	207	203	191	200	208	234	249	254	258	266	267	228
Potatoes	253	247	226	212	226	219	219	347	347	313	361	434	284
Other Field & Seed Crops	250	248	243	243	246	248	256	250	309	312	316	315	270
All Crops	231	233	228	227	238	257	289	290	284	293	305	307	265
Meat Animals	295	317	291	258	242	255	263	280	276	266	247	246	270
Dairy Products	230	227	229	228	225	228	229	234	240	248	252	254	235
Poultry & Eggs	178	178	178	178	178	149	160	176	172	186	182	190	175
Wool	205	213	223	210	193	181	188	193	205	218	200	213	204
All Livestock Products	281	299	277	251	237	247	254	269	267	260	245	245	261
All Farm Products	250	258	246	236	238	253	275	282	278	280	282	283	263
1981													
Food Grains	302	288	286	283	274	259	243	232	227	230	235	227	257
Feed Grains & Hay	312	319	332	336	328	311	258	248	256	254	262	266	290
Oil Bearing Crops	265	263	257	261	269	258	258	243	225	218	229	233	248
Potatoes	451	521	625	476	660	521	476	476	375	295	306	295	456
Other Field & Seed Crops	317	318	317	319	329	328	327	308	179	180	177	177	273
All Crops	307	303	308	302	304	284	261	250	237	234	241	237	272
Meat Animals	267	264	254	261	239	248	255	241	240	222	216	203	243
Dairy Products	256	254	252	250	249	249	249	250	253	257	258	256	253
Poultry & Eggs	163	163	163	163	163	163	163	163	163	163	163	163	163
Wool	196	200	196	200	210	198	193	181	183	181	176	188	192
All Livestock Products	261	259	250	256	238	245	250	239	239	225	220	209	241
All Farm Products	289	286	286	284	279	269	257	246	238	231	233	227	260

Index of Prices Received by North Dakota Farmers for Crop and Livestock Products, 1980-81



Prices Received Index Comparisons, Annual Average Index Values, North Dakota, 1979-81
(1966-68 = 100)



MID-MONTH AVERAGE PRICES PAID BY FARMERS FOR PRODUCTION ITEMS,
North Dakota, 1980-81

Item	Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual Average
		------ Dollars per Hundredweight ------												
FEEDS														
Soybean Meal	1980	14.00	13.50	13.50	13.50	13.50	13.00	13.50	14.00	15.00	15.50	16.50	16.50	14.33
	1981	16.50	16.50	15.50	15.50	16.50	16.00	16.00	16.00	16.00	15.50	14.50	14.50	15.75
Hog Grower, 14-18% Protein	1980	9.10	8.50	8.90	8.70	8.50	8.80	9.20	9.60	10.00	10.50	11.00	10.50	9.44
	1981	11.00	11.00	10.00	10.00	10.50	10.50	9.80	9.60	9.40	9.40	9.30	8.70	9.93
Beef Concentrate, 32-36% Protein	1980	9.60	9.00	9.00	9.20	10.50	9.50	10.50	11.00	11.50	11.50	11.50	12.50	10.47
	1981	12.00	12.00	12.00	12.00	12.50	11.50	11.50	10.50	10.50	11.50	11.00	11.00	11.50
		------ Dollars per Ton ------												
Dairy Feed, 16% Protein	1980	161	158	155	161	161	150	159	169	173	170	183	197	166
	1981	190	187	178	178	189	186	193	180	170	163	163	167	179
Laying Feed	1980	195	196	194	196	210	198	215	220	235	235	240	245	215
	1981	265	255	230	230	235	230	250	240	225	215	220	220	235
		------ Dollars per Gallon ------												
PETROLEUM PRODUCTS														
Gasoline, Unleaded Filling Station	1980	1.100	1.170	1.250	1.280	1.270	1.270	1.270	1.260	1.250	1.250	1.250	1.270	1.241
	1981	1.300	1.380	1.420	1.410	1.400	1.390	1.380	1.380	1.370	1.360	1.360	1.360	1.376
Gasoline, Regular Bulk Delivery	1980	1.010	1.080	1.160	1.200	1.210	1.200	1.180	1.190	1.160	1.160	1.180	1.190	1.160
	1981	1.220	1.280	1.330	1.330	1.320	1.300	1.300	1.290	1.280	1.300	1.290	1.280	1.293
Diesel Fuel	1980	.920	.960	1.010	1.030	1.020	1.030	1.040	1.000	1.000	.990	1.010	1.040	1.004
	1981	1.090	1.160	1.200	1.230	1.210	1.200	1.200	1.200	1.200	1.200	1.190	1.200	1.190

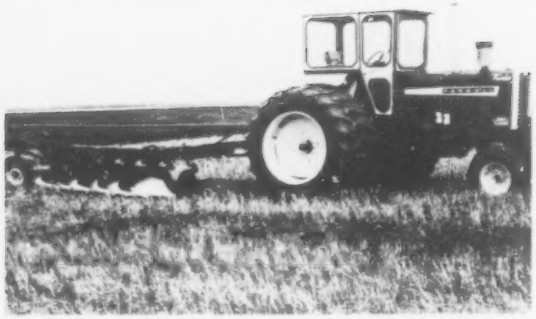
ANNUAL AVERAGE PRICES PAID BY FARMERS FOR PRODUCTION ITEMS
North Dakota, 1980-81

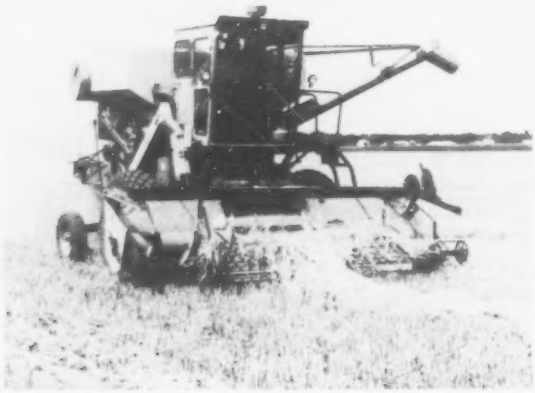
Item	1980	1981
	---Dollars---	
FEEDS		
Turkey Grower/ton	227.00	254.00
Dairy Feed, 14% Protein/ton	160.00	171.00
Dairy Feed, 32% Protein/ton	223.00	262.00
Hog Concentrates, 38-42% Protein/100 pounds	15.13	15.79
Bran/100 pounds	8.78	9.04
Middlings/100 pounds	7.00	8.13
Corn Meal/100 pounds	6.38	6.78
Molasses, Liquid/100 pounds	8.26	8.42
Stock Salt/100 pounds	5.15	5.68
Alfalfa Meal/100 pounds	6.45	8.27
SEED, RETAIL		
Alfalfa, Uncertified/100 pounds	175.00	178.00
Alfalfa, Certified/100 pounds	210.00	228.00
Potatoes/100 pounds	3.90	10.00
Wheat, Spring/bushel	6.25	6.60

Item	1980	1981
	---Dollars---	
PETROLEUM PRODUCTS AND MOTOR SUPPLIES		
L.P. Gas, Propane, Butane, etc./gallon	.575	.651
Motor Oil		
Regular, non-detergent/gallon	3.06	3.80
Heavy duty, detergent/gallon	3.60	4.35
All weather, high detergent/gallon	3.85	4.58
Storage Batteries		
CPR 220-310 amps, each	51.63	49.63
CPR 315-500 amps, each	66.75	65.00
Spark Plugs, each	1.70	1.88
Tires		
Auto, tubeless, bias belted, ER78-14, ea.	*51.00	49.38
Auto, tubeless, radial, steel belted, P195/75R14, ER78-14, ea.	**79.75	75.75
Truck, 7.00x15, 6-ply, ea.	61.25	65.00
Tractor, Rear, 18.4-34, 6-ply, ea.	396.25	440.00

*1980 price is for size G78-15. **1980 price is for GR78-15.

MISCELLANEOUS



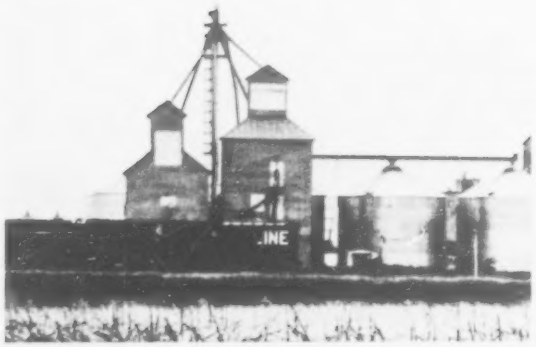


FERTILIZER, FEED, EXPORTS

CROP INSURANCE

GRAIN SHIPMENTS

CUSTOM RATES



FERTILIZER, FEED, SALES & EXPORTS

Sales of Commercial Fertilizer, North Dakota, 1976-81 1/

Year	Mixed Fertilizer	Fertilizer Materials	Totals
	---- Tons ----		
1976 - January-June	81,217	303,915	385,132
July-December	17,311	233,584	250,895
Total	98,528	537,499	636,027
1977 - January-June	56,846	359,959	416,805
July-December	10,774	200,611	211,385
Total	67,620	560,570	628,190
1978 - January-June	55,446	436,984	381,538
July-December	19,381	281,947	262,566
Total	74,827	718,931	644,104
1979 - January-June	57,694	411,710	469,404
July-December	7,801	289,686	297,487
Total	65,495	701,396	766,891
1980 - January-June	51,577	425,085	476,662
July-December	8,993	261,978	270,971
Total	60,570	687,063	747,633
1981 - January-June	54,932	411,927	466,859

1/ Source: State Laboratories Dept., Bismarck, N.D.

Commercial Feed Sales by Kind, North Dakota, 1978-81 1/

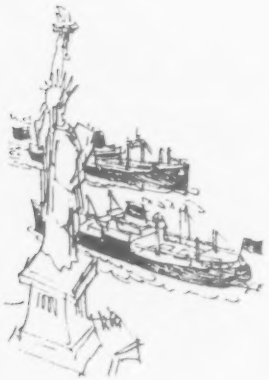
Kind of Feed	1978	1979	1980	1981
		--- Tons ---		
Chicken (Complete)	4,967	4,340	4,563	5,646
(Supplement)	1,845	1,950	1,714	1,826
Turkey (Complete)	1,014	872	872	1,703
(Supplement)	2,423	2,952	3,344	2,942
Swine (Complete)	35,750	32,950	33,750	26,092
(Supplement)	9,110	11,785	9,532	9,312
Beef Cattle (Complete)	21,922	27,673	48,918	37,362
(Supplement)	26,873	22,897	25,928	22,596
Dairy (Complete)	20,068	16,169	35,051	38,566
(Supplement)	3,639	4,922	5,834	3,999
Calf	4,359	6,306	3,599	3,383
Dog & Cat Foods	7,583	8,282	8,842	9,591
Other Feeds	4,405	7,798	8,131	19,146
Mineral Feeds	7,274	6,597	5,361	5,325
Mineralized Salt (Iodized)	3,867	2,826	3,349	6,423
Plain Salt	3,297	2,788	4,434	357
Soybean Meal	9,499	8,544	9,810	12,652
Meat & Bone Meal & Animal Products	396	89	148	804
Pre-Mixes & Vitamin Supplements	239	134	149	112
Beet Pulp	6,001	1,108	884	1
Brewery Products	---	7,253	6,677	1,932
Miscellaneous	7,076	1,354	5,914	15,231
TOTAL*	181,607	179,589	226,804	225,001

* Tonnage tax paid on total.
1/ Source: State Laboratories Dept., Bismarck, N.D.

Fertilizer Use on All Wheat Acreage Harvested, North Dakota, 1976-81

Year	Acres for Harvest	Fields in Survey	Acres Receiving				Rate per Acre Receiving			Acres Fertilized 1/		
			Any Fertilizer	N	P_2O_5	K_2O	N	P_2O_5	K_2O	At or Before Seeding	After Seeding	At or Before & After Seeding
	(000)	(No.)	--- Percent ---				-- Pounds --			--- Percent ---		
1976	11,655	247	65.2	64.8	58.3	8.5	31.9	25.3	12.9	96.9	1.2	1.9
1977	9,530	240	51.2	51.2	47.5	6.7	32.6	27.6	14.9	99.2	0.0	0.8
1978	9,300	268	60.1	58.2	54.5	9.7	33.1	25.6	13.0	99.4	0.0	0.6
1979	9,555	240	67.5	65.4	55.0	9.6	41.0	28.0	17.6	97.5	1.2	1.3
1980	9,770	245	49.0	49.0	40.0	5.3	42.7	26.1	14.9	98.3	0.0	1.7
1981	11,770	237	57.0	57.0	47.3	6.8	39.0	25.3	17.1	100.0	0.0	0.0

1/ Percentages apply to acres receiving fertilizer.



Value of Export Shares of Agricultural Commodities, North Dakota, 1979-81 1/

Commodity or Group	1979		1980		1981	
	Dollars	Percent of U.S.	Dollars	Percent of U.S.	Dollars	Percent of U.S.
	(Mil.)	(Pct.)	(Mil.)	(Pct.)	(Mil.)	(Pct.)
Wheat & Flour	656.8	13.5	873.2	13.2	552.6	6.9
Feed Grains & Products	31.9	.5	67.8	.7	63.7	.6
Sunflower Seeds & Oil	249.2	67.0	347.4	62.5	363.6	57.7
Soybeans & Products	19.1	.3	21.1	.2	15.7	.2
Vegetables & Preparations	12.3	1.6	18.2	1.9	52.7	3.6
Dairy Products	.8	.7	1.0	.6	2.1	.9
Animals & Meats excluding Poultry	11.4	1.4	15.8	1.5	17.3	1.5
Hides & Skins	17.1	1.3	15.1	1.4	13.5	1.3
Poultry Products	.3	.1	.4	.1	.5	.1
Fats, Oils & Greases	12.0	1.7	15.3	2.0	14.3	1.9
Other	73.6	3.4	59.6	2.5	47.7	1.6
TOTAL	1,084.5	3.4	1,434.9	3.5	1,143.7	2.6

Source: Foreign Agricultural Trade of U.S. - ERS. 1/ State export shares are based upon North Dakota's portion of U.S. production or farm sales of individual commodities. No attempt was made to trace actual commodity shipments or to determine whether the State's output is destined primarily for the domestic or export market.

FEDERAL CROP INSURANCE DATA - 1981*

County and Crop	Crops Covered	Net Acres Insured	Estimated Liability	Total Premium	No. of Claims Received	Estimated Dollars of Loss
	(No.)	(Acres)	(Dols.)	(Dols.)	(No.)	(Dols.)
Adams						
Wheat	473	152,480	8,041,039	1,251,881	1127	2,467,003
Oats	62	3,561	118,204	27,168	66	57,222
Sunflowers	44	6,498	386,484	71,494	26	85,800
Barley	50	2,158	109,717	29,266	33	33,066
Barnes						
Wheat	384	94,480	5,770,784	364,406	71	139,835
Oats	101	2,963	122,781	12,858	7	2,188
Flax	108	2,001	83,376	10,236	12	13,868
C. Crop	702	199,717	14,500,000	566,414	85	51,000
Sunflowers	635	73,018	5,879,459	534,770	62	140,974
Barley	250	23,016	1,324,633	126,614	22	29,373
Rye	12	126	5,024	890	0	0
Benson						
Wheat	442	101,732	5,413,793	502,133	110	148,500
Oats	23	463	13,093	1,993	5	4,853
Flax	56	1,254	49,578	6,419	3	5,340
Sunflowers	110	20,569	1,355,921	136,284	36	110,880
Barley	118	3,474	159,084	22,419	10	8,000
Billings						
Wheat	134	30,766	1,728,820	268,555	245	482,650
Oats	16	592	21,966	4,005	12	13,200
Barley	11	662	29,370	6,696	8	19,728
Bottineau						
Wheat	1,069	230,563	12,536,073	749,826	508	889,000
Oats	37	1,167	38,843	4,368	12	2,400
Flax	118	2,982	110,897	16,652	30	27,000
Sunflowers	178	39,171	2,770,863	243,526	133	536,389
Barley	383	23,554	999,173	98,750	135	122,850
Bowman						
Wheat	363	108,953	6,003,985	964,366	875	1,793,750
Oats	32	1,953	64,431	13,680	33	29,964
Barley	53	4,741	223,208	45,613	55	66,825
Burke						
Wheat	546	129,741	7,732,288	520,304	414	589,950
Oats	27	380	14,449	2,691	2	696
Sunflowers	66	7,962	618,769	62,185	52	67,600
Barley	103	3,605	165,823	21,305	22	25,300
Burleigh						
Wheat	625	161,184	7,570,975	953,185	210	347,040
Oats	155	11,588	348,233	77,040	29	31,302
Flax	97	2,183	61,010	13,364	7	5,326
Corn	38	3,180	219,806	18,962	1	0
Sunflowers	81	8,287	476,227	62,415	6	12,202
Barley	104	3,957	162,301	36,348	12	14,934
Cass						
Wheat	956	189,869	12,997,915	809,947	71	133,101
Oats	99	2,169	101,489	9,825	3	1,671
Flax	86	1,768	58,402	8,321	13	8,835
Sugar Beets	56	8,682	2,632,458	189,534	4	17,694
Corn	20	1,726	142,968	23,976	0	0
Sunflowers	660	46,577	3,840,381	303,525	83	156,923
Soybeans	402	33,807	2,497,199	327,515	8	9,480
Barley	587	65,710	3,930,698	328,147	15	16,777
Cavalier						
Wheat	485	137,816	8,708,640	815,562	174	414,955
Oats	45	704	29,137	2,659	5	17,104
Flax	64	2,346	119,093	19,118	8	15,242
Sunflowers	113	8,588	693,892	56,598	5	18,627
Barley	352	42,383	2,465,426	176,191	159	433,715
Dickey						
Wheat	354	94,022	5,390,867	594,732	380	889,200
Oats	106	6,446	267,037	45,817	51	61,133
Flax	60	1,697	71,321	11,849	12	18,318
Corn	45	5,723	455,533	85,180	15	55,146
Sunflowers	122	18,041	1,348,859	192,277	23	115,000
Barley	92	10,599	547,418	87,169	35	63,000
Divide						
Wheat	684	167,849	10,042,088	594,990	255	382,500
Oats	22	460	16,954	3,089	2	144
Sunflowers	47	6,223	441,331	39,264	17	32,300
Barley	66	3,190	124,986	15,493	14	13,300
Dunn						
Wheat	488	112,240	5,977,859	797,916	508	845,820
Oats	89	6,317	239,397	46,290	86	63,984
Corn	10	537	34,983	2,882	11	7,128
Sunflowers	12	1,287	77,690	9,182	19	28,918
Barley	57	2,294	115,289	23,578	28	35,756
Eddy						
Wheat	208	55,086	3,016,669	242,914	53	117,495
Oats	27	1,161	33,569	4,611	1	874
Flax	30	1,049	33,050	3,585	7	5,600
Sunflowers	106	21,717	1,400,964	128,555	32	74,208
Barley	36	1,318	70,154	9,434	2	400
Emmons						
Wheat	816	189,708	7,428,786	1,158,276	143	284,732
Oats	254	19,341	535,002	92,406	39	34,408
Flax	149	1,911	48,609	11,714	21	8,422
Corn	166	13,656	804,973	78,074	20	37,601
Sunflowers	37	4,473	241,639	28,658	7	15,967
Barley	92	1,812	63,873	14,476	7	5,686
Foster						
Wheat	247	78,948	4,658,761	323,901	30	60,000
Oats	27	923	33,760	3,348	0	0
Flax	26	349	15,056	1,532	1	426
Sunflowers	161	33,734	2,303,913	197,630	5	3,000
Barley	66	2,782	154,442	16,014	4	8,000
Golden Valley						
Wheat	258	76,471	4,985,387	629,263	365	885,490
Oats	23	1,750	77,661	14,500	17	33,541
Barley	31	2,920	175,902	30,505	18	37,368
Grand Forks						
Wheat	572	118,296	8,386,103	451,827	40	73,200
Oats	128	2,861	135,754	9,420	8	7,933
Flax	113	946	39,326	4,077	2	640
Sugar Beets	26	3,171	965,870	53,667	3	15,000
Corn	8	1,466	108,160	16,846	0	0
C. Crop	80	24,914	1,174,051	37,391	2	3,000
Sunflowers	401	35,226	2,668,776	171,451	43	57,620
Soybeans	55	3,310	214,942	24,044	4	4,800
Dry Beans	277	43,452	5,867,605	621,110	152	750,880
Potatoes	21	7,060	2,659,744	160,747	17	269,692
Barley	471	54,987	3,591,525	218,909	22	28,600
Grant						
Wheat	484	95,202	4,681,699	711,317	318	520,884
Oats	116	8,113	268,969	62,015	85	67,065
Sunflowers	46	6,037	393,543	60,230	19	32,547
Barley	57	2,351	100,047	25,461	25	27,625
Griggs						
Wheat	359	70,261	4,320,911	257,869	15	9,000
Oats	57	1,413	52,604	4,264	0	0
Flax	55	1,233	56,632	6,339	1	383
Sunflowers	229	20,647	1,382,777	101,710	5	4,125
Barley	192	17,533	1,092,583	84,439	3	1,131
Hettinger						
Wheat	617	216,599	12,526,734	1,664,647	626	1,200,042
Oats	105	6,667	258,023	57,436	58	72,616
Sunflowers	55	10,848	632,607	83,010	57	123,177
Barley	92	3,974	206,070	38,182	40	43,880
Kidder						
Wheat	338	67,859	2,663,428	465,460	37	60,703
Oats	85	6,273	154,398	47,494	16	12,628
Flax	52	1,111	28,948	7,852	7	2,047
Sunflowers	38	3,618	200,664	30,710	9	9,153
Barley	39	968	31,116	9,342	2	0
LaMoure						
Wheat	435	100,400	5,362,080	508,980	154	191,350
Oats	148	5,903	231,938	39,730	22	11,525
Flax	111	3,316	133,757	20,595	22	14,748
Corn	24	1,812	122,401	21,842	6	3,230
Sunflowers	209	23,373	1,692,656	188,124	18	14,080
Barley	152	7,491	324,642	41,728	11	7,156
Logan						
Wheat	370	83,301	3,115,348	519,261	37	34,619
Oats	55	3,043	86,503	22,375	2	237
Flax	73	1,225	30,911	8,648	9	4,433
Barley	32	1,494	59,072	15,142	1	4,401
McHenry						
Wheat	699	132,910	6,210,899	461,733	100	140,000
Oats	97	4,122	127,287	14,985	20	14,400
Flax	79	836	22,171	3,266	4	2,000
Sunflowers	99	20,815	1,256,740	117,563	15	10,500
Barley	165	6,800	292,252	37,272	8	11,526
McIntosh						
Wheat	700	145,130	5,660,341	602,193	65	64,495
Oats	156	9,918	279,473	42,820	21	8,385
Flax	233	7,772	214,282	42,526	51	16,817
Sunflowers	43	4,048	251,594	37,825	0	0
Barley	61	1,851	65,116	13,438	8	3,755
McKenzie						
Wheat	409	119,154	6,942,516	657,651	415	622,500
Oats	25	1,544	51,391	7,782	13	7,670
Sugar Beets	0	0	0	0	0	0
Barley	43	2,792	152,910	20,770	28	37,800
McLean						
Wheat	1,110	267,412	15,045,390	920,442	403	501,332
Oats	56	1,744	60,356	6,796	13	8,626
Flax	121	1,263	35,126	4,239	7	2,017
Sunflowers	64	11,181	761,256	73,997	2	16,000
Barley	158	4,081	165,157	16,123	12	14,400
Mercer						
Wheat	349	61,297	3,190,501	310,144	95	87,552
Oats	72	4,578	164,469	27,210	25	10,185
Sunflowers	4	188	11,654	1,567	0	0
Barley	33	698	29,143	4,585	6	1,818
Morton						
Wheat	500	89,987	4,346,979	567,356	469	525,193
Oats	152	11,169	364,330	64,166	154	122,727
Corn	50	3,021	194,777	18,525	3	1,771
Forg Seeding	139	3,225	94,006	9,892	22	12,474
Forg Prod	16	921	29,698	11,700	14	9,471
Barley	79	3,579	152,138	27,731	37	24,225

Source: Summarized by Upper Great Plains Transportation Institute from Public Service Commission Records. * Totals may not add due to rounding.

FEDERAL CROP INSURANCE DATA - 1981 (Cont.)*

County and Crop	Crops Covered	Net Acres Insured	Estimated Liability	Total Premium	No. of Claims Received	Estimated Dollars of Loss
	(No.)	(Acres)	(Dols.)	(Dols.)	(No.)	(Dols.)
Mountrail						
Wheat	1,008	216,132	13,140,173	874,815	405	668,250
Oats	83	1,721	68,799	12,590	9	3,540
Flax	40	364	14,862	3,081	1	498
Sunflowers	72	7,253	491,835	48,553	23	41,400
Barley	224	4,236	219,037	25,278	14	14,700
Nelson						
Wheat	476	106,413	6,493,647	490,746	40	54,484
Oats	57	762	27,252	3,196	7	1,763
Flax	101	2,316	79,427	7,139	8	4,770
Sunflowers	240	20,136	1,290,044	114,755	8	6,896
Barley	264	13,242	761,804	67,608	24	34,320
Oliver						
Wheat	235	35,641	1,741,283	206,816	110	123,964
Oats	59	4,974	162,057	30,902	45	30,630
Barley	58	2,350	92,775	21,286	15	10,971
Pembina						
Wheat	378	94,603	7,007,367	331,357	110	279,070
Oats	27	489	20,438	1,951	6	8,069
Flax	20	382	17,094	2,154	1	1,938
Sugar Beets	26	2,924	703,218	34,562	1	2,130
Sunflowers	142	11,200	928,140	54,265	39	160,848
Barley	170	13,818	789,436	66,434	17	51,763
Pierce						
Wheat	449	93,297	4,477,540	382,619	95	92,150
Oats	68	2,478	66,305	8,761	10	3,878
Flax	97	2,519	73,604	8,887	8	6,000
C. Crop	36	4,131	184,294	12,463	1	100
Sunflowers	70	10,063	603,672	53,704	14	25,200
Barley	139	6,229	265,457	35,402	20	12,000
Rye	0	0	0	0	0	0
Ramsey						
Wheat	485	111,732	6,375,367	487,395	122	174,632
Oats	19	512	16,894	1,398	2	2,728
Flax	46	1,835	78,325	8,908	7	15,400
Sunflowers	133	10,863	795,586	66,151	24	29,568
Barley	306	15,918	761,277	61,742	74	70,618
Ransom						
Wheat	417	87,876	5,973,358	427,379	159	321,250
Oats	123	5,776	248,498	32,084	27	18,685
Flax	53	1,116	45,383	6,730	7	7,131
Corn	4	993	44,054	6,658	0	0
C. Crop	0	0	0	0	0	0
Sunflowers	233	25,853	2,165,082	182,939	42	83,789
Barley	157	11,043	621,238	61,175	13	9,880
Renville						
Wheat	561	134,195	8,082,591	423,831	141	303,150
Oats	20	1,221	46,381	5,509	2	3,219
Flax	92	1,186	48,839	6,268	2	1,248
Sunflowers	105	13,031	1,077,316	97,342	49	78,400
Barley	233	17,716	840,295	81,972	28	53,247
Richland						
Wheat	472	89,199	6,001,140	290,231	20	40,000
Oats	129	3,347	146,781	14,368	1	476
Flax	50	513	14,240	2,225	1	35
Sugar Beets	40	5,716	1,998,653	115,328	9	36,135
Corn	20	1,854	119,576	12,553	0	0
C. Crop	148	32,225	2,100,000	62,500	5	2,500
Sunflowers	395	28,740	2,464,374	174,868	52	87,013
Soybeans	252	20,123	1,491,806	183,557	6	2,400
Barley	264	15,020	918,481	89,904	5	1,068
Rye	7	76	4,184	321	0	0
Rolette						
Wheat	329	67,401	3,464,330	323,571	133	215,460
Oats	19	246	8,485	984	4	800
Flax	34	684	25,577	4,192	8	3,290
Sunflowers	72	9,135	562,244	53,866	26	18,700
Barley	121	6,703	267,365	27,907	65	33,800
Sargent						
Wheat	428	90,836	6,337,070	495,914	115	167,555
Oats	95	3,719	159,375	17,192	4	502
Flax	67	1,110	51,856	6,984	3	5,663
Corn	16	1,362	98,277	18,883	5	3,970
C. Crop	0	0	0	0	0	0
Sunflowers	222	22,091	1,898,512	195,314	25	50,000
Barley	157	8,484	539,219	51,610	7	6,291
Sheridan						
Wheat	379	75,622	3,523,318	401,276	27	24,394
Oats	30	1,143	33,160	5,629	3	776
Flax	53	1,640	46,865	7,804	4	9,104
Sunflowers	55	7,852	514,796	62,539	0	0
Barley	83	3,045	113,060	20,560	1	226
Sioux						
Wheat	148	42,235	1,797,958	341,731	209	455,620
Oats	60	4,343	125,858	31,406	59	55,342
Barley	21	714	21,682	6,059	8	9,592
Slope						
Wheat	345	106,409	6,038,478	965,833	500	968,000
Oats	35	1,526	55,942	13,677	14	19,992
Barley	44	6,003	134,977	28,830	20	23,080
Stark						
Wheat	670	153,396	9,303,222	1,287,444	1015	2,060,450
Oats	159	11,812	453,962	90,750	170	188,530
Barley	63	2,563	124,006	26,206	23	34,431
Steele						
Wheat	223	50,623	3,357,180	143,457	8	13,200
Oats	29	509	21,773	1,505	1	375
Flax	38	483	22,464	1,832	0	0
C. Crop	253	73,356	4,147,841	109,452	0	0
Sunflowers	321	28,531	2,216,140	111,505	15	22,804
Barley	191	21,967	1,382,481	80,942	3	6,550
Stutsman						
Wheat	835	218,234	12,345,352	947,912	52	120,827
Oats	162	6,246	233,964	29,329	3	4,066
Flax	149	3,458	122,313	17,089	6	8,661
Sunflowers	424	73,487	4,890,839	419,030	29	89,543
Barley	189	9,297	546,981	59,610	3	760
Towner						
Wheat	331	90,987	5,257,852	423,875	152	342,147
Oats	18	185	5,634	582	3	2,200
Flax	50	2,181	102,265	14,589	13	15,600
Sunflowers	79	6,672	460,007	38,860	12	27,939
Barley	213	19,327	1,016,713	87,003	115	197,882
Traill						
Wheat	451	79,435	6,502,446	246,071	11	31,997
Oats	47	811	41,436	2,622	2	479
Flax	47	464	21,616	1,647	2	3,752
Sugar Beets	73	11,462	4,211,308	206,001	23	17,182
Corn	12	648	57,287	10,616	0	0
Sunflowers	240	17,892	1,682,236	95,170	57	80,875
Soybeans	103	6,714	606,581	51,727	6	17,987
Dry Beans	143	19,522	2,470,382	255,136	63	239,192
Barley	376	57,957	4,487,219	201,874	6	19,757
Walsh						
Wheat	536	107,535	7,122,053	433,496	114	204,606
Oats	36	1,036	45,522	3,556	7	6,588
Flax	86	1,028	34,894	4,581	2	578
Sugar Beets	20	2,980	822,605	44,359	0	0
Sunflowers	221	12,952	912,834	63,512	32	61,578
Potatoes	23	3,540	965,456	52,530	6	24,000
Barley	298	22,811	1,390,881	111,435	39	60,842
Ward						
Wheat	1,240	291,963	17,250,073	1,048,206	221	281,775
Oats	123	5,701	220,527	27,107	14	18,803
Flax	177	1,466	46,872	6,255	11	3,849
Sunflowers	220	41,670	3,227,030	300,474	86	215,000
Barley	361	14,834	730,343	70,082	44	41,800
Wells						
Wheat	506	123,803	6,428,193	494,419	68	88,400
Oats	13	77	3,422	350	0	0
Flax	69	1,609	47,213	6,233	10	3,000
Sunflowers	215	39,401	2,398,563	225,929	10	20,000
Barley	137	8,179	373,942	44,034	6	1,800
Williams						
Wheat	1,063	279,171	16,740,173	981,439	371	716,030
Oats	43	2,122	85,743	12,912	7	6,429
Sugar Beets	1	86	12,900	482	0	0
Sunflowers	63	6,717	408,302	35,849	8	15,200
Barley	130	2,837	130,631	14,672	7	9,800

STATE SUMMARY

Crop	Crops Covered	Net Acres Insured	Estimated Liability	Total Premium	No. of Claims Received	Estimated Dollars of Loss
	(No.)	(Acres)	(Dols.)	(Dols.)	(No.)	(Dols.)
Wheat	27,439	6,426,454	365,217,822	32,090,872	12,511	22,669,302
Oats	3,851	190,042	6,609,709	1,121,201	1,207	1,076,551
Flax	2,900	59,596	2,105,204	316,930	311	242,289
Forg Seeding	139	3,225	94,006	9,892	22	12,474
Forg Prod	16	921	29,698	11,700	14	9,471
Sugar Beets	242	35,021	11,347,012	643,933	40	88,141
Corn	413	35,978	2,402,795	314,997	61	108,846
C. Crop	1,219	334,343	22,106,186	788,220	93	56,600
Sunflower	7,082	825,669	60,076,171	5,327,177	1,225	2,780,743
Soybeans	812	63,954	4,810,528	586,843	24	34,667
Dry Beans	420	62,974	8,337,987	876,246	215	990,072
Potatoes	44	10,600	3,625,200	213,277	23	293,692
Barley	8,224	591,064	33,612,568	2,982,765	1,339	1,845,573
Rye	19	202	9,208	1,211	0	0
TOTAL	52,820	8,640,039	520,384,094	45,285,264	17,085	30,208,421

Source: Summarized by Upper Great Plains Transportation Institute from Public Service Commission Records. * Totals may not add due to rounding.

SHIPMENTS FROM COMMERCIAL STORAGES BY COUNTY
AND MODE OF SHIPMENT, NORTH DAKOTA, JULY 1, 1980 - JUNE 30, 1981 1/

District and County	Hard Red Spring Wheat				Durum				Oats			
	Rail	Truck	C.C.C.	Total	Rail	Truck	C.C.C.	Total	Rail	Truck	C.C.C.	Total
	--- Thousand Bushels ---				--- Thousand Bushels ---				--- Thousand Bushels ---			
Burke	1,110	474	5	1,589	1,083	252	--	1,335	--	9	--	9
Divide	633	--	--	633	3,103	10	--	3,113	--	12	--	12
Mountrail	515	53	17	585	4,697	289	--	4,986	--	12	--	12
Renville	1,254	280	37	1,572	1,151	258	--	1,409	5	112	--	117
Ward	3,266	557	3	3,826	4,795	556	7	5,358	13	363	--	376
Williams	2,555	1,769	23	4,347	3,112	461	--	3,573	--	64	--	64
Northwest	9,334	3,133	85	12,552	17,941	1,826	7	19,774	17	572	--	590
Benson	716	184	20	919	2,691	732	2	3,425	11	11	2	23
Bottineau	1,318	139	135	1,591	3,564	248	2	3,814	15	338	--	353
McHenry	2,417	952	66	3,435	754	47	--	801	--	102	--	102
Pierce	771	183	22	976	652	59	--	711	--	9	--	9
Rolette	188	63	9	260	1,280	192	--	1,472	--	14	--	14
North Central	5,409	1,521	252	7,182	8,941	1,278	4	10,223	26	474	2	501
Cavalier	2,348	725	75	3,148	2,685	282	--	2,967	--	15	--	15
Grand Forks	4,197	2,507	208	6,912	458	341	2	801	50	101	--	151
Nelson	1,165	185	7	1,357	2,074	373	--	2,447	19	11	--	30
Pembina	4,109	2,796	165	7,070	111	63	--	174	--	11	--	11
Ramsey	1,629	208	44	1,880	4,420	491	--	4,912	12	10	--	22
Towner	182	43	30	256	2,857	381	--	3,237	--	3	5	8
Walsh	6,179	873	159	7,211	1,026	78	--	1,106	17	37	1	55
Northeast	19,809	7,338	689	27,836	13,631	2,011	2	15,644	98	188	6	291
Dunn	76	504	--	580	5	--	--	5	--	--	--	--
McKenzie	655	477	--	1,131	181	26	--	207	--	--	--	--
McLean	2,038	1,783	--	3,821	2,756	84	--	2,840	--	42	--	42
Mercer	628	515	118	1,261	62	14	--	76	--	--	--	--
West Central	3,397	3,279	118	6,793	3,004	125	--	3,129	--	42	--	42
Eddy	499	443	167	1,109	398	228	--	627	4	5	--	9
Foster	1,536	264	--	1,800	922	105	--	1,027	9	39	--	47
Kidder	403	161	43	606	258	4	--	262	6	--	--	6
Sheridan	1,141	430	26	1,596	205	27	--	233	--	26	--	26
Stutsman	2,827	1,726	24	4,577	1,622	263	--	1,885	--	69	--	69
Wells	2,481	1,352	63	3,896	1,583	199	2	1,785	--	10	--	10
Central	8,888	4,374	322	13,584	4,989	827	2	5,818	19	148	--	167
Barnes	4,426	1,239	85	5,751	429	49	--	478	4	7	3	14
Cass	5,067	4,233	108	9,408	1,515	311	--	1,826	125	73	--	199
Griggs	1,937	533	58	2,528	174	40	--	214	4	14	8	26
Steele	1,874	1,161	112	3,147	275	26	--	301	--	17	--	17
Traill	3,101	1,527	41	4,670	279	52	--	331	15	287	1	303
East Central	16,406	8,692	405	25,504	2,672	478	--	3,150	148	398	12	558
Adams	40	727	1	768	277	9	--	286	--	1	--	1
Bowman	107	1,762	--	1,869	498	276	--	774	--	--	--	--
Golden Valley	20	513	--	533	58	292	--	350	--	--	--	--
Hettinger	88	2,635	19	2,742	504	124	--	628	--	--	--	--
Slark	528	1,795	5	2,328	87	52	--	139	--	3	--	3
Southwest	784	7,432	25	8,240	1,424	753	--	2,178	--	4	--	4
Burleigh	230	1,232	41	1,503	211	70	--	281	--	4	--	4
Emmons	551	257	--	808	63	21	--	84	--	--	--	--
Grant	68	910	--	977	60	8	--	68	--	3	--	3
Morton	476	1,964	--	2,439	3	47	--	50	--	--	--	--
Sioux	24	75	5	104	18	2	--	20	--	--	--	--
South Central	1,349	4,437	46	5,832	355	149	--	504	--	8	--	8
Dickey	1,580	105	45	1,730	357	5	--	362	58	39	--	97
LaMoure	3,828	460	30	4,317	669	24	--	693	10	61	--	71
Logan	1,461	597	2	2,059	590	33	--	623	--	6	--	6
McIntosh	595	100	22	717	33	1	--	34	--	--	--	--
Ransom	1,666	225	--	1,890	173	3	--	176	152	170	--	322
Richland	3,701	1,010	119	4,830	159	11	--	170	330	185	--	516
Sargent	2,527	371	152	3,050	686	31	--	717	240	101	--	340
Southeast	15,357	2,866	369	18,593	2,667	107	--	2,774	789	563	--	1,352
STATE	80,733	43,072	2,310	126,116	55,624	7,554	15	63,193	1,097	2,398	20	3,514

1/ Totals may not add due to rounding.
Source: Summarized by Upper Great Plains Transportation Institute from Public Service Commission records.

SHIPMENTS FROM COMMERCIAL STORAGES BY COUNTY
AND MODE OF SHIPMENT, NORTH DAKOTA, JULY 1, 1980 - JUNE 30, 1981 1/

District and County	Barley				Sunflower			Flaxseed			Rye		
	Rail	Truck	C.C.C.	Total	Rail	Truck	Total	Rail	Truck	Total	Rail	Truck	Total
	(Thousand Bushels)				(Thousand Bushels)			(Thousand Bushels)			(Thousand Bushels)		
Burke	89	43	--	132	137	179	316	--	16	16	--	10	10
Divide	36	28	--	64	152	--	152	--	1	1	--	--	--
Mountrail	91	19	--	110	4	210	214	--	7	7	--	6	6
Renville	355	151	--	505	71	237	308	--	38	38	3	5	8
Ward	469	230	--	699	3,581	1,398	4,979	--	286	286	2	12	14
Williams	37	615	--	653	212	241	453	--	--	--	--	29	29
Northwest	1,077	1,085	--	2,162	4,156	2,266	6,422	--	348	348	5	63	68
Benson	637	402	10	1,049	1,179	2,370	3,549	38	79	117	10	11	22
Bottineau	1,355	619	--	1,974	1,566	1,079	2,645	8	239	246	--	67	67
McHenry	172	109	--	280	1,538	856	2,394	6	112	118	3	17	20
Pierce	158	29	--	187	119	654	773	8	125	133	--	18	18
Rolette	633	92	--	725	109	499	608	--	34	34	--	8	8
North Central	2,955	1,252	10	4,216	4,511	5,458	9,970	59	589	648	14	121	135
Cavalier	3,660	931	--	4,591	544	667	1,211	14	98	112	31	49	80
Grand Forks	4,963	911	135	6,008	2,545	4,694	7,239	5	37	43	37	4	41
Nelson	1,270	183	--	1,453	976	2,877	3,851	10	128	138	5	1	6
Pembina	964	1,001	--	1,965	942	1,601	2,543	3	39	43	--	21	21
Ramsey	2,466	363	20	2,849	2,071	2,345	4,416	23	190	213	54	3	57
Towner	1,098	442	19	1,559	177	665	842	--	25	25	--	1	1
Walsh	2,594	535	7	3,135	2,362	1,702	4,063	52	81	133	22	19	41
Northeast	17,015	4,365	181	21,561	9,614	14,551	24,165	109	598	707	149	98	247
Dunn	--	--	--	--	50	87	137	--	--	--	--	--	--
McKenzie	--	5	--	5	--	77	77	--	1	1	4	3	7
McLean	15	36	--	51	800	564	1,364	--	186	186	48	6	54
Mercer	--	--	--	--	8	80	88	--	8	8	--	--	--
West Central	15	41	--	56	858	809	1,667	--	194	194	51	10	61
Eddy	125	60	6	191	203	879	1,081	--	63	63	20	16	37
Foster	81	57	--	138	3,475	3,012	6,487	4	45	48	29	44	73
Kidder	32	5	7	43	--	73	73	--	34	34	26	11	36
Sheridan	56	64	--	120	--	84	84	--	48	48	--	12	12
Stutsman	907	1,726	12	2,645	4,378	4,084	8,462	3	140	143	19	277	296
Wells	481	157	6	644	1,266	2,660	3,926	12	134	145	13	44	57
Central	1,683	2,069	31	3,782	9,322	10,792	20,114	18	463	482	107	405	512
Barnes	1,350	1,546	--	2,897	5,009	2,820	7,829	75	148	222	10	20	29
Cass	7,702	1,284	7	8,993	3,783	8,563	12,346	3	105	108	22	15	37
Griggs	590	332	9	932	323	2,117	2,439	8	79	87	2	1	2
Steele	1,692	766	--	2,458	463	3,590	4,052	20	51	70	--	1	1
Traill	5,636	896	--	6,532	496	3,708	4,204	70	51	121	2	4	7
East Central	16,971	4,825	16	21,811	10,073	20,798	30,871	175	434	609	35	41	75
Adams	--	--	--	--	17	50	67	--	2	2	--	7	7
Bowman	--	--	--	--	31	54	85	--	5	5	--	--	--
Golden Valley	--	--	--	--	--	47	47	--	2	2	--	1	1
Hettinger	10	2	--	12	154	792	946	--	10	10	11	35	46
Stark	--	1	--	1	35	349	384	--	4	4	--	20	20
Southwest	10	3	--	13	237	1,291	1,528	--	22	22	11	62	74
Burleigh	7	1	--	8	178	229	406	3	27	29	--	10	10
Emmons	7	2	--	9	--	35	35	--	83	83	6	17	22
Grant	--	3	--	3	34	647	681	--	--	--	--	31	31
Morton	--	--	--	--	51	59	110	--	26	26	--	--	--
Sioux	--	--	--	--	--	25	25	--	--	--	--	3	3
South Central	15	6	--	21	262	994	1,256	3	135	138	6	61	67
Dickey	610	36	--	646	1,476	1,798	3,274	--	273	273	111	45	156
LaMoure	204	217	--	420	1,400	3,429	4,829	39	193	232	109	104	212
Logan	37	10	--	47	463	524	987	9	172	181	46	17	63
McIntosh	--	1	--	1	4	106	111	9	87	96	11	16	27
Ransom	460	87	--	547	1,066	1,509	2,575	--	28	28	31	10	41
Richland	6,065	693	--	6,757	1,295	2,390	3,685	4	52	56	42	13	55
Sargent	585	45	--	630	1,010	2,400	3,410	40	123	163	170	58	227
Southeast	7,961	1,088	--	9,049	6,715	12,157	18,872	102	927	1,029	519	262	781
STATE	47,700	14,735	237	62,672	45,750	69,116	114,866	465	3,711	4,176	894	1,122	2,019

1/ Totals may not add due to rounding.
Source: Summarized by Upper Great Plains Transportation Institute from Public Service Commission records.

HARD RED SPRING WHEAT AND DURUM WHEAT SHIPMENTS FROM COMMERCIAL STORAGES
BY COUNTY AND DESTINATION, NORTH DAKOTA, JULY 1, 1980 - JUNE 30, 1981 1/ 2/

District and County	Hard Red Spring Wheat				Durum Wheat			
	Duluth/Superior	Mpls/St. Paul	West	Misc. 3/	Duluth/Superior	Mpls./St. Paul	West	Misc. 3/
	----- Thousand Bushels -----				----- Thousand Bushels -----			
Burke	295	144	972	173	721	249	9	361
Divide	59	50	490	33	1,388	1,072	128	526
Mountrail	39	40	452	37	2,165	1,664	21	1,136
Renville	501	194	624	215	828	240	15	326
Ward	765	587	2,311	160	3,275	1,352	26	698
Williams	104	104	3,993	122	945	1,810	99	719
Northwest	1,764	1,119	8,844	740	9,321	6,383	297	3,766
Benson	642	89	75	93	2,506	453	3	461
Bottineau	574	192	489	201	2,577	583	19	632
McHenry	2,034	447	702	185	568	154	5	75
Pierce	504	140	179	132	499	107	1	105
Rolette	148	19	60	24	964	220	4	284
North Central	3,902	887	1,506	636	7,114	1,516	32	1,958
Cavalier	2,064	462	12	534	2,011	567	1	389
Grand Forks	4,642	1,434	16	612	722	57	3	16
Nelson	622	504	4	219	1,529	67	17	271
Pembina	4,939	726	25	1,216	145	15	--	13
Ramsey	1,168	238	29	401	3,756	464	33	659
Towner	115	17	41	52	2,397	318	4	518
Walsh	4,841	1,124	20	1,067	853	102	2	149
Northeast	18,391	4,505	147	4,104	11,413	2,154	59	2,016
Dunn	19	317	219	24	--	2	--	1
McKenzie	3	211	838	51	68	104	3	22
McLean	1,597	1,349	761	113	1,432	1,111	42	259
Mercer	99	317	673	54	36	15	--	25
West Central	1,747	2,193	2,492	243	1,536	1,231	46	316
Eddy	541	246	--	155	486	61	--	79
Foster	1,074	545	124	57	635	364	--	28
Kidder	296	190	3	74	180	56	--	25
Sheridan	849	386	298	38	186	41	--	5
Stutsman	3,031	1,010	146	366	1,724	119	--	42
Wells	2,419	518	683	212	1,379	259	--	145
Central	8,211	2,896	1,253	901	4,591	901	--	324
Barnes	4,404	874	13	374	429	34	--	16
Cass	5,327	3,106	294	572	1,205	173	2	446
Griggs	1,578	574	20	298	171	31	--	13
Steele	2,194	454	126	261	263	26	--	12
Traill	3,010	817	176	626	278	35	--	19
East Central	16,514	5,824	629	2,131	2,345	298	2	505
Adams	--	101	579	87	4	218	--	64
Bowman	47	97	1,541	183	5	597	--	173
Golden Valley	3	164	356	10	62	275	1	12
Hettinger	78	471	1,964	211	38	495	5	90
Stark	44	464	1,602	214	59	49	5	26
Southwest	173	1,296	6,042	705	168	1,634	11	365
Burleigh	407	905	98	53	137	85	13	46
Emmons	352	319	51	86	60	20	--	4
Grant	73	54	657	194	26	8	24	10
Morton	640	873	845	117	24	14	--	12
Sioux	45	5	46	3	20	--	--	--
South Central	1,517	2,120	1,696	453	267	126	37	73
Dickey	729	800	11	145	194	152	--	16
LaMoure	2,791	753	129	615	461	117	--	114
Logan	1,364	503	114	76	394	142	--	87
McIntosh	297	213	175	10	30	3	--	1
Ransom	1,593	139	--	158	149	25	--	2
Richland	2,293	1,946	4	468	130	32	--	8
Sargent	1,176	1,229	33	459	389	320	--	8
Southeast	10,244	5,583	464	1,932	1,747	791	--	236
STATE	62,463	26,424	23,072	11,846	38,501	15,035	483	9,158

1/ Does not include CCC shipments. 2/ Totals may not add due to rounding. 3/ Includes all other destinations.
Source: Summarized by Upper Great Plains Transportation Institute from Public Service Commission records.

BARLEY AND OATS SHIPMENTS FROM COMMERCIAL STORAGES
BY COUNTY AND DESTINATION, NORTH DAKOTA, JULY 1, 1980 - JUNE 30, 1981 1/ 2/

District and County	Barley				Oats			
	Duluth/Superior	Mpls/St. Paul	West	Misc. 3/	Duluth/Superior	Mpls./St. Paul	West	Misc. 3/
	----- Thousand Bushels -----				----- Thousand Bushels -----			
Burke	10	11	11	100	--	--	1	7
Divide	4	20	27	13	--	--	10	1
Mountrail	3	71	18	18	--	--	6	6
Renville	58	112	73	262	--	14	89	14
Ward	66	329	46	258	--	111	203	62
Williams	--	8	605	41	--	--	12	53
Northwest	141	550	780	692	--	125	321	143
Benson	294	236	39	471	8	4	--	10
Bottineau	335	163	231	1,244	--	27	301	25
McHenry	85	97	28	71	20	3	73	6
Pierce	27	52	14	94	--	--	6	3
Rolette	301	292	4	127	2	--	11	1
North Central	1,042	841	316	2,007	30	34	391	45
Cavalier	1,731	1,558	9	1,292	--	--	--	15
Grand Forks	1,611	3,536	49	677	29	53	7	61
Nelson	373	730	60	290	12	13	--	5
Pembina	1,079	499	18	366	8	2	--	2
Ramsey	1,261	816	45	706	13	8	--	--
Towner	438	496	83	524	--	--	3	--
Walsh	1,358	1,232	138	402	15	15	--	24
Northeast	7,851	8,866	402	4,261	77	91	10	107
Dunn	--	--	--	--	--	--	--	--
McKenzie	--	--	--	--	--	--	--	--
McLean	6	23	5	20	--	--	32	11
Mercer	--	--	2	--	--	--	--	--
West Central	6	23	7	20	--	--	32	11
Eddy	69	45	3	58	--	4	--	5
Foster	67	42	10	19	--	10	33	4
Kidder	8	4	--	25	--	6	--	--
Sheridan	23	36	2	60	--	7	16	3
Stutsman	321	64	268	1,980	2	10	--	57
Wells	130	248	4	256	--	5	3	3
Central	619	447	288	2,398	2	42	51	72
Barnes	578	695	47	1,576	--	9	1	1
Cass	1,525	2,549	117	4,795	34	141	1	23
Griggs	249	352	11	312	9	3	6	--
Steele	912	714	3	828	--	--	8	8
Traill	689	3,081	18	2,744	5	11	85	200
East Central	3,953	7,391	196	10,256	48	163	102	233
Adams	--	--	--	--	--	--	1	--
Bowman	--	--	--	--	--	--	--	--
Golden Valley	--	--	--	--	--	--	--	--
Hettinger	--	10	2	--	--	--	--	--
Stark	--	--	1	--	--	--	3	--
Southwest	--	10	3	--	--	--	4	--
Burleigh	4	4	1	--	--	--	4	--
Emmons	7	--	--	2	--	--	--	--
Grant	3	--	--	--	3	--	--	--
Morton	--	--	--	--	--	--	--	--
Sioux	--	--	--	--	--	--	--	--
South Central	14	4	1	2	3	--	4	--
Dickey	105	493	--	48	--	62	7	28
LaMoure	86	135	3	197	20	13	5	33
Logan	16	21	--	10	--	--	--	6
McIntosh	--	--	--	1	--	--	--	--
Ransom	104	302	--	141	--	147	6	169
Richland	183	436	27	6,111	87	322	2	105
Sargent	47	483	--	100	32	270	--	38
Southeast	541	1,870	30	6,607	139	814	20	380
STATE	14,167	20,002	2,023	26,243	299	1,269	936	991

1/ Does not include CCC shipments. 2/ Totals may not add due to rounding. 3/ Includes all other destinations.
Source: Summarized by Upper Great Plains Transportation Institute from Public Service Commission records.

SUNFLOWER AND FLAXSEED SHIPMENTS FROM COMMERICAL STORAGES
BY COUNTY AND DESTINATION, NORTH DAKOTA, JULY 1, 1980 - JUNE 30, 1981 1/ 2/

District and County	Sunflower				Flaxseed			
	Duluth/Superior	Mpls/St. Paul	West	Misc. 3/	Duluth/Superior	Mpls./St. Paul	West	Misc. 3/
	----- Thousand Bushels -----				----- Thousand Bushels -----			
Burke	189	39	2	86	--	14	--	2
Divide	139	--	--	12	--	1	--	--
Mountrail	49	31	--	134	--	7	--	--
Renville	166	87	22	33	--	37	--	1
Ward	2,751	975	--	1,253	1	284	--	1
Williams	248	127	7	71	--	--	--	--
Northwest	3,543	1,260	30	1,590	1	343	--	4
Benson	2,802	185	87	475	26	91	--	--
Bottineau	1,237	471	80	856	2	284	4	6
McHenry	1,847	113	4	402	4	114	--	--
Pierce	573	50	--	149	4	128	--	2
Rolette	412	39	--	158	--	34	--	--
North Central	6,899	859	171	2,041	36	601	4	7
Cavalier	826	234	--	152	3	103	--	6
Grand Forks	4,098	1,389	37	1,715	--	43	--	--
Nelson	2,727	633	--	491	1	135	--	3
Pembina	2,257	63	--	223	--	42	--	1
Ramsey	3,257	98	16	1,045	8	202	--	3
Towner	625	40	--	178	--	24	--	1
Walsh	3,572	120	17	353	6	118	--	10
Northeast	17,362	2,577	70	4,156	17	666	--	24
Dunn	122	7	--	9	--	--	--	--
McKenzie	6	25	3	43	--	1	--	--
McLean	832	63	12	457	3	172	8	3
Mercer	8	24	--	56	--	8	--	--
West Central	968	119	15	566	3	181	8	3
Eddy	674	23	8	376	--	58	--	5
Foster	3,261	432	193	2,601	--	47	--	1
Kidder	33	26	--	14	--	32	--	2
Sheridan	29	9	9	37	2	46	--	--
Stutsman	4,074	431	557	3,400	14	127	--	2
Wells	2,268	527	--	1,131	--	128	--	18
Central	10,339	1,448	767	7,560	16	438	--	28
Barnes	4,858	311	189	2,471	--	192	--	30
Cass	5,268	648	98	6,331	4	102	--	3
Griggs	1,520	44	--	875	4	76	--	7
Steele	2,892	73	37	1,051	--	64	--	6
Traill	2,763	128	46	1,268	--	48	--	74
East Central	17,301	1,205	369	11,996	8	482	--	119
Adams	17	17	--	33	--	2	--	--
Bowman	31	3	--	51	--	4	--	1
Golden Valley	10	29	--	8	--	2	--	--
Hettinger	215	198	--	532	1	9	--	--
Stark	49	58	--	277	--	2	3	--
Southwest	323	305	--	900	1	18	3	1
Burleigh	161	74	--	172	--	29	--	--
Emmons	14	5	--	16	1	76	--	5
Grant	371	79	2	228	--	--	--	--
Morton	31	31	--	47	--	26	--	--
Sioux	21	--	--	4	--	--	--	--
South Central	599	188	2	467	1	132	--	5
Dickey	1,428	295	4	1,547	--	271	--	2
LaMoure	2,975	353	7	1,495	2	229	--	2
Logan	703	156	--	127	--	181	--	1
McIntosh	38	31	--	42	--	96	--	--
Ransom	880	31	30	1,633	--	28	--	--
Richland	2,713	385	56	1,131	3	52	--	1
Sargent	1 06	956	2	646	3	157	--	3
Southeast	9,943	2,207	99	6,623	7	1,014	--	8
STATE	67,277	10,167	1,524	35,898	89	3,873	14	199

1/ Does not include CCC shipments. 2/ Totals may not add due to rounding. 3/ Includes all other destinations.
Source: Summarized by Upper Great Plains Transportation Institute from Public Service Commission records.

CUSTOM FARM WORK RATES

STATE-WIDE AVERAGES, NORTH DAKOTA, 1981 WITH COMPARISONS

Operation	Average Rate			1981	
	1974	1977	1980	Most Frequent Rate Reported	Avg. Rate
	- - - Dollars per Acre - - -				
LAND TILLAGE					
DEEP TILLAGE					
Plowing	3.88	5.00	6.14	5.00	6.00
Alfalfa Sod Breaking	5.79	7.23	7.94	7.00	7.63
Heavy Disking	2.44	3.50	4.31	5.00	4.33
Deep Chisel	2.44	3.40	4.40	3.00	4.28
SHALLOW TILLAGE					
Duckfoot or Wide Sweep	1.71	2.34	3.14	3.00	3.28
One-Way Disk	2.12	3.15	3.87	4.00	3.41
Single Disk	1.61	2.15	3.41	3.00	3.00
Tandem Disk	1.89	2.59	3.76	3.00	3.33
Rod Weeder	1.58	2.06	2.91	3.00	2.93
Rotary Hoe	1.52	2.11	2.59	3.00	2.93
Harrowing	1.04	1.34	1.99	2.00	1.92
Row Crop Cultivation					
Wide-Row (31 in.)	1.85	2.59	3.23	3.00	3.36
Narrow-Row (31 in.)	2.14	2.70	3.36	3.00	3.46
SMALL GRAIN SEEDING					
REGULAR DRILLING					
With Fertilizer Appl.	2.27	3.28	4.42	5.00	4.15
Without Fertilizer Appl.	1.96	2.95	3.87	4.00	3.75
PONY PRESS DRILL					
With Fertilizer Appl.	4.10	6.50	7.64	10.00	7.56
Without Fertilizer Appl.	3.70		6.77	6.00	6.90
HOE DRILL	2.38	3.73	4.66	3.00	4.56
AIR SEEDER	NA	NA	4.99	5.00	4.64
NO TILL DRILL	NA	NA	NA	5.00	4.99
ROW CROP PLANTING					
Corn	2.21	3.85	4.15	5.00	4.43
Soybeans	2.53	3.70	3.94	5.00	4.41
Dry Edible Beans	NA	NA	4.17	5.00	4.59
Potatoes	5.30	6.75	7.24	5.00	6.47
Sugarbeets	3.43	5.95	5.33	5.00	6.43
Sunflower	2.23	3.65	4.35	5.00	4.58
FERTILIZER APPLICATION					
Dry Fertilizer	1.18	1.61	2.14	2.00	2.37
Liquid Fertilizer	1.31	1.79	2.52	3.00	2.71
Anhydrous Ammonia	2.08	3.04	3.68	3.00	3.64
CHEMICAL APPLICATION					
BY SURFACE VEHICLES					
Herbicides	1.16	1.36	1.86	2.00	2.05
Insecticides	1.23	1.49	2.14	2.00	2.15
Fungicides	1.33	1.70	2.21	2.00	2.21
Desiccants	NA	NA	2.31	2.00	2.21
BY AIRCRAFT					
Herbicides	1.64	1.82	2.55	3.00	2.86
Insecticides	1.73	2.10	2.67	3.00	2.94
Fungicides	1.78	2.25	2.82	3.00	3.03
Desiccants	NA	NA	2.88	3.00	3.07
HARVESTING CROPS					
SWATHING					
Self-Propelled	1.98	2.46	3.12	3.00	3.52
PTO Unit	1.78	2.18	2.93	3.00	3.12
COMBINING*					
From Swaths					
Wheat, All**	7.52	8.61	11.02	12.00	12.69
Oats	7.27	8.52	10.86	12.00	12.44
Barley	7.43	8.56	11.09	12.00	12.58
Rye	7.57	8.72	11.35	12.00	12.38
Flaxseed	7.42	8.77	11.25	12.00	12.66
Soybeans	7.39	9.69	11.96	15.00	14.17
Dry Edible Beans	NA	NA	13.66	15.00	16.84
Straight Combining					
Wheat, All**	NA	NA	NA	12.00	12.99
Corn	9.11	12.31	13.01	15.00	15.18
Sunflower (per cwt.)	7.67	9.33	12.12	15.00	13.73
Soybeans	NA	NA	NA	15.00	14.33
DRY BEAN HARVESTING					
Cutting Only	NA	NA	NA	10.00	7.62
Windrowing	NA	NA	NA	5.00	4.70
Cutting & Windrowing	NA	NA	NA	5.00	9.58
HAYING					
Mowing	1.93	2.40	3.15	3.00	3.38
Mowing & Conditioning	2.83	3.63	4.47	5.00	5.04
Swathing	2.31	2.94	3.87	4.00	4.45
Side Delivery Raking	1.15	1.69	2.13	2.00	2.14

Operation	Average Rate			1981	
	1974	1977	1980	Most Frequent Rate Reported	Avg. Rate
BALING	- - - Dollars/Bale - - -				
Square bales with twine	.211	.221	.265	.20	.280
Square bales with wire	.259	.260	.290	.30	.320
Round bales 800-999 lbs.	.194	NA	4.46	4.00	4.52
Round bales 1000-1500 lbs.	4.33	4.45	5.06	5.00	5.08
Round bales over 1500 lbs.	NA	NA	5.96	5.00	6.17
MECHANIZED LOOSE HAY STACKING	- - - Dollars/Ton or Stack - - -				
Per Ton	NA	NA	5.55	10.00	7.76
Per Stack					
1.5 - 3 Ton Stack	NA	NA	13.59	20.00	17.98
3 - 6 Ton Stack	NA	NA	25.10	25.00	25.24
More Than 6 Ton Stack	NA	NA	NA	30.00	25.86
MAKING CORN SILAGE					
FIELD CHOPPING ONLY	- - - Dollars/Unit - - -				
Per Acre	7.61	10.16	13.59	15.00	15.09
Per Hour	16.02	25.00	30.06	35.00	35.80
FIELD CHOPPING PLUS HAULING TO SILO					
Per Acre	NA	NA	16.55	20.00	17.77
Per Hour	NA	NA	41.77	40.00	48.16
FIELD CHOPPING PLUS HAULING TO AND FILLING SILO					
Per Acre	11.56	14.34	18.32	25.00	22.16
Per Hour	27.00	34.38	43.00	30.00	53.33
DRYING GRAIN	- - - Cents/Bushel - - -				
Wheat, All**	14.5	14.8	16.2	10.0	16.2
Barley	14.0	13.0	15.2	10.0	16.5
Corn	15.0	19.0	18.0	10.0	21.1
Oats	NA	NA	NA	10.0	18.3
Flax	NA	NA	NA	10.0	18.9
Sunflower (per cwt.)	19.1	20.9	27.3	20.0	28.9
HAULING CHARGES					
HAULING GRAIN					
Wheat, All**	7.4	8.1	10.8	10.0	11.1
Oats	6.2	7.4	9.2	10.0	10.6
Barley	7.1	7.7	10.1	10.0	11.2
Flax	8.2	NA	NA	10.0	11.8
Corn	NA	NA	NA	10.0	10.8
Sunflower (per cwt.)	NA	NA	14.9	10.0	16.0
Sugarbeets (Dols./ton)	2.65	2.63	NA	3.00	3.83
HAULING HAY	- - - Dollars/Bale - - -				
Small Square Bales	NA	NA	.184	.10	.17
Large Round Bales					
800-999 lbs.	NA	NA	1.73	2.00	1.72
1000-1500 lbs.	NA	NA	3.00	2.00	1.97
Over 1500 lbs.	NA	NA	4.25	NA	NA
MOVING LOOSE HAYSTACKS	- - - Dollars/Stack - - -				
1.5 - 3 Ton	7.61	NA	9.52	10.00	9.24
3 - 6 Ton	NA	NA	13.29	10.00	10.68
More Than 6 Ton	NA	NA	13.19	12.00	11.93
CLEANING & TREATING	- - - Dollars/Bushel - - -				
SEED GRAIN					
Cleaning Only	.143	.181	.221	.20	.240
Treating Only	.148	.196	.263	.20	.270
Cleaning & Treating	NA	NA	.457	.40	.486
FLAXSEED					
Cleaning Only	.237	.282	.409	.50	.419
Treating Only	.206	.247	.313	.20	.303
Cleaning & Treating	NA	NA	.719	.70	.702
MISCELLANEOUS					
SPRAYING LIVESTOCK	- - - Dollars/Head - - -				
Cattle	.39	.46	.55	1.00	.67
Sheep	.32	.34	.53	.70	.65
DIPPING LIVESTOCK					
Cattle	NA	NA	1.36	1.00	1.21
Sheep	NA	NA	.95	1.00	.94
BRANDING LIVESTOCK					
Calves	.88	1.02	1.15	1.00	1.03
Sheep	.42	.73	.88	1.00	.83
Shearing Sheep	.85	.97	1.34	1.50	1.36
DIGGING POST HOLES ($/Hole)	.80	1.07	1.14	1.00	1.45
Average Depth (Feet)	3.3	3.3	3.1	3.0	3.4
ON-FARM FEED GRINDING & MIXING	- - - Dollars/100 Bu. - - -				
Mobile Truck	8.85	9.40	12.03		15.21
PTO Unit	7.07	7.22	11.35		11.93
	- - - Dollars/Hour - - -				
Farm Drainage/Ditching	24.00	29.07	43.24	50.00	48.32
Land Leveling	22.46	28.00	42.67	50.00	52.50
Rock Picking	13.90	20.58	22.34	25.00	33.07

* Excludes hauling to storage. ** Includes durum, other spring and winter.

Custom Farm Work Rates by Crop Reporting District, North Dakota, 1981

District	No. of Rpts.	Range In Rates	Most Frequent Rate Reported	Average Rate	No. of Rpts.	Range In Rates	Most Frequent Rate Reported	Average Rate	No. of Rpts.	Range In Rates	Most Frequent Rate Reported	Average Rate
	(No.)	(Dollars per Acre)			(No.)	(Dollars per Acre)			(No.)	(Dollars per Acre)		
	PLOWING				ALFALFA SOD BREAKING				HEAVY DISKING			
Northwest	10	4.00-10.00	6.00	6.38	9	4.00-13.00	7.00	8.06	13	2.75- 7.50	5.00	4.27
North Central	9	4.00-10.00	6.00	6.61	3	7.00- 8.50	7.00	7.83	4	3.00- 5.00	5.00	4.13
Northeast	39	3.00- 9.50	5.00	5.70	16	3.00-12.50	6.00	6.75	22	2.50- 7.00	5.00	4.15
West Central	9	3.00-10.00	5.00	5.22	5	3.00-10.00	6.00	6.30	6	2.00- 7.00	5.00	4.17
Central	15	4.50-10.00	5.00	6.47	14	3.00-13.00	6.00	8.36	14	2.00- 8.00	5.00	4.82
East Central	12	4.00-11.00	5.00	6.46	6	5.00-12.60	7.00	8.60	10	3.00- 8.00	5.00	4.75
Southwest	6	4.00- 9.00	5.00	6.83	6	3.00-11.00	7.00	7.25	7	2.50- 4.00	1/	3.18
South Central	11	3.00- 9.00	5.00	5.55	8	4.00-11.00	7.00	7.56	13	2.00- 8.00	5.00	4.50
Southeast	20	3.00-10.00	5.00	5.83	16	3.50-12.00	7.00	7.80	16	3.00- 8.00	5.00	4.41
STATE	131	3.00-11.00	5.00	6.00	83	3.00-15.00	7.00	7.63	103	2.00- 8.00	5.00	4.33
	DEEP CHISEL				BUCKFOOT				TANDEM DISK			
Northwest	13	2.00- 7.00	4.00	3.85	13	2.00- 5.50	3.00	3.57	7	2.00- 5.00	3.00	3.43
North Central	6	3.00- 6.25	3.00	3.88	6	2.00- 4.50	3.00	3.29	1/			
Northeast	31	2.00- 6.50	4.00	4.23	34	1.00- 4.50	4.00	3.22	14	1.00- 4.50	3.00	2.95
West Central	8	2.00- 7.00	4.00	3.91	11	2.00- 5.00	4.00	3.18	6	2.00- 5.00	3.00	3.71
Central	12	2.50- 6.00	3.00	4.38	17	2.00- 6.00	4.00	3.44	7	3.00- 6.00	3.00	3.86
East Central	13	2.00- 8.00	5.00	4.81	10	1.00- 4.00	4.00	3.18	1/			
Southwest	7	2.50- 6.00	3.00	4.14	11	1.25- 6.00	4.00	2.80	1/			
South Central	8	2.00- 8.00	4.00	4.38	10	1.75- 5.00	3.00	3.13	7	3.50- 5.00	4.00	4.14
Southeast	18	3.00- 8.00	3.00	4.53	13	3.00- 6.00	3.00	3.56	8	3.00- 5.75	4.00	3.91
STATE	116	2.00- 8.00	3.00	4.28	127	1.00- 6.00	3.00	3.28	65	1.00- 6.00	4.00	3.41
	HARROWING				WIDE-ROW CROP CULTIVATION				NARROW-ROW CROP CULTIVATION			
Northwest	9	1.00- 2.85	2.00	1.76	4	2.00- 4.50	3.00	3.13	13	2.00- 4.50	3.00	3.21
North Central	9	1.00- 2.50	2.00	1.89	4	3.00- 3.50	3.00	3.18	11	2.50- 4.50	3.00	2.98
Northeast	31	.75- 2.75	2.00	1.79	24	2.00- 5.00	3.00	3.39	32	2.00- 6.00	3.00	3.54
West Central	6	1.00- 3.00	2.00	2.08	5	2.00- 4.00	3.00	3.00	8	2.50- 4.50	3.00	3.69
Central	12	1.00- 3.00	2.00	1.88	11	3.00- 5.00	3.00	3.86	20	1.50- 5.00	3.00	3.47
East Central	8	1.00- 3.00	2.00	2.14	5	2.50- 4.00	3.00	3.10	10	2.00- 5.00	3.00	3.75
Southwest	1/				1/				1/			
South Central	8	1.50- 3.00	2.00	2.13	4	3.00- 5.00	3.00	3.88	6	2.00- 5.00	3.00	3.33
Southeast	12	1.00- 3.00	2.00	2.13	16	2.00- 4.50	3.00	3.14	15	2.50- 5.00	3.00	3.48
STATE	98	.75- 3.00	2.00	1.92	74	2.00- 5.00	3.00	3.36	117	1.50- 6.00	3.00	3.46
	SMALL GRAIN SEEDING REGULAR DRILL WITH FERTILIZER ATTACHMENT				SMALL GRAIN SEEDING REGULAR DRILL WITHOUT FERTILIZER ATTACHMENT				CORN PLANTING			
Northwest	17	3.25- 7.00	4.00	4.47	21	3.00- 6.00	4.00	4.04	5	4.00- 7.00	4.00	5.20
North Central	5	2.50- 5.75	4.00	4.75	8	2.00- 5.00	4.00	4.00	13	2.50- 6.00	5.00	4.46
Northeast	30	2.00- 6.50	5.00	4.18	33	1.50- 6.00	4.00	3.67	18	2.50- 6.50	5.00	4.36
West Central	13	1.50- 7.50	5.00	3.42	11	1.50- 5.00	4.00	3.07	6	2.00- 6.00	5.00	4.25
Central	9	3.00- 8.00	5.00	4.92	10	2.00- 6.00	4.00	4.11	17	2.50- 7.00	5.00	4.68
East Central	10	2.00- 6.00	5.00	4.22	9	2.25- 6.00	4.00	3.77	9	3.50- 5.50	5.00	4.41
Southwest	11	1.50- 5.00	5.00	3.24	10	2.00- 6.00	4.00	3.61	5	2.00- 5.00	5.00	3.32
South Central	8	2.50- 6.00	5.00	4.16	9	2.00- 6.00	4.00	3.56	13	2.00- 6.00	5.00	4.39
Southeast	18	3.00- 6.50	5.00	4.28	18	2.50- 6.00	4.00	3.85	29	2.00- 6.50	5.00	4.44
STATE	121	1.50- 8.00	5.00	4.15	127	1.50- 6.00	4.00	3.75	115	2.00- 7.00	5.00	4.43

1/ Too few reports for stable average; included in state figures.

Custom Farm Work Rates by Crop Reporting District, North Dakota, 1981

District	No. of Rpts.	Range In Rates	Most Frequent Rate Reported	Average Rate	No. of Rpts.	Range In Rates	Most Frequent Rate Reported	Average Rate	No. of Rpts.	Range In Rates	Most Frequent Rate Reported	Average Rate
	(No.)	(Dollars per Acre)			(No.)	(Dollars per Acre)			(No.)	(Dollars per Acre)		
	SUNFLOWER PLANTING				GROUND APPLICATION DRY FERTILIZER				GROUND APPLICATION LIQUID FERTILIZER			
Northwest	24	3.00- 7.00	5.00	5.07	16	1.00- 3.50	2.50	2.46	11	2.00- 5.00	2.50	2.89
North Central	21	2.50- 6.00	5.00	4.51	15	1.25- 2.75	2.00	2.06	6	1.25- 3.00	2.50	2.29
Northeast	49	2.50- 7.00	5.00	4.55	30	1.00- 4.05	2.00	2.38	20	1.00- 4.50	2.50	2.62
West Central	7	2.00- 6.00	5.00	4.50	11	1.00- 4.00	2.00	2.36	7	1.50- 4.00	2.50	2.46
Central	30	2.50- 7.00	5.00	4.83	19	1.50- 4.00	2.00	2.64	12	2.00- 4.00	2.50	2.80
East Central	16	2.50- 5.50	5.00	4.09	14	1.75- 3.00	2.00	2.41	7	2.25- 3.50	3.00	2.93
Southwest	5	2.10- 5.00	5.00	3.42	8	1.00- 3.00	2.00	1.89	3	1.50- 2.80	1/	2.10
South Central	12	4.00- 6.00	5.00	4.79	12	1.00- 5.00	2.00	2.51	7	2.50- 3.25	3.00	2.82
Southeast	34	2.50- 6.50	5.00	4.44	28	1.00- 5.00	2.00	2.33	19	1.00- 6.00	3.00	2.84
STATE	198	2.00- 7.00	5.00	4.58	153	1.00- 5.00	2.00	2.37	92	1.00- 6.00	3.00	2.71
	GROUND APPLICATION ANHYDROUS AMMONIA				GROUND APPLICATION HERBICIDES				GROUND APPLICATION INSECTICIDES			
Northwest	18	1.25- 6.25	5.00	4.08	65	1.00- 4.00	2.50	2.22	20	1.25- 3.75	2.50	2.34
North Central	14	1.25- 6.00	4.00	3.36	36	1.00- 4.00	2.00	1.99	13	1.00- 2.75	2.00	2.04
Northeast	45	1.50- 6.00	4.50	3.87	76	1.00- 3.50	1.50	1.97	23	1.00- 3.00	2.00	2.02
West Central	6	1.75- 6.00	3.00	3.63	42	1.00- 4.00	1.50	2.30	13	1.00- 3.25	2.00	2.14
Central	13	1.75- 6.00	3.00	4.00	48	1.00- 3.50	1.50	1.87	8	1.00- 3.00	2.00	2.20
East Central	13	2.00- 5.00	3.00	3.50	31	1.00- 3.50	1.50	2.09	13	1.50- 3.00	2.00	2.16
Southwest	8	2.00- 4.00	3.00	2.69	26	1.00- 4.00	2.00	1.99	8	1.25- 3.50	2.00	2.13
South Central	10	1.25- 5.00	3.00	3.25	52	1.00- 4.00	2.00	2.15	18	1.00- 3.50	2.00	2.35
Southeast	15	1.00- 5.00	3.00	3.27	45	1.00- 3.00	2.00	1.86	20	1.10- 3.00	2.00	1.98
STATE	144	1.00- 6.25	3.00	3.64	421	1.00- 4.00	2.00	2.05	136	1.00- 3.75	2.00	2.13
	GROUND APPLICATION FUNGICIDES				GROUND APPLICATION DESICCANTS				AIR APPLICATION HERBICIDES			
Northwest	10	1.25- 3.50	3.00	2.32	6	1.25- 3.50	1/	2.07	66	1.75- 5.50	3.00	3.08
North Central	10	1.00- 2.75	2.70	2.13	11	1.00- 2.75	2.70	2.09	34	1.50- 4.00	3.00	2.77
Northeast	17	1.00- 3.25	2.00	2.05	11	1.50- 2.75	2.00	2.11	73	1.75- 4.00	3.00	2.88
West Central	9	1.00- 3.25	2.00	2.44	7	1.00- 3.25	2.00	2.34	22	1.50- 4.00	3.00	2.93
Central	6	1.00- 2.80	2.00	1.91	5	1.00- 2.90	2.00	1.88	37	1.50- 4.75	3.00	2.53
East Central	11	1.50- 3.00	2.00	2.30	7	1.50- 3.00	2.00	2.39	35	1.75- 3.50	3.00	2.86
Southwest	5	1.25- 2.50	2.00	1.96	3	1.50- 3.00	1/	2.33	19	1.50- 5.00	3.00	2.99
South Central	14	1.00- 3.50	2.00	2.46	11	1.00- 3.50	2.00	2.35	28	2.00- 5.00	3.00	2.95
Southeast	13	1.25- 3.00	2.00	2.10	11	1.25- 3.00	2.00	2.14	36	1.50- 4.75	3.00	2.64
STATE	95	1.00- 3.50	2.00	2.21	72	1.00- 3.50	2.00	2.21	350	1.50- 5.50	3.00	2.86
	AIR APPLICATION INSECTICIDES				AIR APPLICATION FUNGICIDES				AIR APPLICATION DESICCANTS			
Northwest	23	1.75- 5.75	3.00	3.12	13	2.00- 4.25	4.00	3.27	9	2.00- 4.00	3.50	3.19
North Central	20	2.00- 3.75	3.00	2.80	13	2.00- 3.75	3.00	2.94	13	2.00- 3.75	3.00	2.95
Northeast	49	2.00- 5.00	3.00	3.03	41	2.00- 6.00	3.25	3.22	31	2.00- 3.50	3.25	3.14
West Central	9	1.60- 4.00	3.00	2.84	6	1.60- 4.00	3.25	3.06	5	3.00- 4.00	3.25	3.35
Central	20	1.50- 3.50	3.00	2.73	15	1.50- 3.50	3.00	2.70	12	1.50- 3.50	3.00	2.77
East Central	25	1.75- 3.50	3.00	2.97	24	1.75- 3.50	3.00	3.00	20	1.75- 5.00	3.00	3.07
Southwest	13	1.50- 5.00	3.00	3.07	7	1.50- 5.00	3.00	3.46	4	2.50- 5.00	3.00	3.75
South Central	14	2.00- 4.00	3.00	3.02	10	2.00- 4.00	3.00	3.10	7	2.00- 4.00	3.00	3.14
Southeast	28	1.50- 3.50	3.00	2.76	26	1.10- 3.50	3.00	2.74	19	1.50- 3.50	3.00	2.89
STATE	201	1.50- 5.75	3.00	2.94	155	1.10- 6.00	3.00	3.03	120	1.50- 5.00	3.00	3.07

1/ Too few reports for stable average; included in state figures.

Custom Farm Work Rates by Crop Reporting District, North Da ota, 1981

District	No. of Rpts.	Range In Rates	Most Frequent Rate Reported	Average Rate	No. of Rpts.	Range In Rates	Most Frequent Rate Reported	Average Rate	No. of Rpts.	Range In Rates	Most Frequent Rate Reported	Average Rate
	(No.)	(Dollars per Acre)			(No.)	(Dollars per Acre)			(No.)	(Dollars per Acre)		
	STRAIGHT COMBINING				**COMBINING FROM SWATHS**							
	WHEAT, ALL*				WHEAT, ALL*				RYE			
Northwest	118	9.00-20.00	12.00	12.80	109	6.00-20.00	12.00	12.39	14	9.00-15.00	12.00	12.54
North Central	50	7.00-19.00	12.00	12.57	64	7.00-19.00	12.00	12.56	21	7.00-19.00	12.00	11.95
Northeast	86	9.50-17.00	12.00	13.99	127	8.00-17.00	12.00	13.34	26	10.00-16.00	12.00	13.46
West Central	55	8.00-20.00	12.00	12.40	95	9.00-20.00	12.00	12.47	21	10.00-16.00	12.00	12.38
Central	35	9.00-20.00	12.00	13.56	90	9.00-18.50	12.00	12.97	38	9.00-16.00	12.00	12.59
East Central	30	9.50-20.00	12.00	13.67	73	4.00-20.00	12.00	13.14	24	4.00-18.00	12.00	12.17
Southwest	30	10.00-16.00	12.00	12.45	56	10.00-16.00	12.00	12.57	16	10.00-15.00	12.00	12.25
South Central	28	9.00-15.00	12.00	12.38	117	6.00-17.50	12.00	12.17	17	10.00-16.00	12.00	12.77
Southeast	63	7.00-20.00	12.00	12.69	122	7.00-20.00	12.00	12.39	51	7.00-19.00	12.00	11.82
STATE	495	7.00-20.00	12.00	12.99	853	4.00-20.00	12.00	12.69	230	4.00-19.00	12.00	12.18
	SUNFLOWER				OATS				FLAXSEED			
Northwest	46	9.00-20.00	12.00	14.01	53	8.00-18.00	12.00	12.62	14	12.00-18.00	12.00	13.46
North Central	37	9.50-20.00	12.00	13.41	33	7.00-19.00	12.00	12.14	23	7.00-17.00	12.00	12.35
Northeast	81	8.00-20.00	15.00	14.32	52	8.00-16.00	12.00	13.00	40	10.00-20.00	12.00	13.89
West Central	14	11.00-17.00	15.00	13.50	63	9.00-17.00	12.00	12.19	14	10.00-15.00	12.00	12.93
Central	53	10.00-20.00	15.00	13.67	61	9.00-16.00	12.00	12.98	24	9.00-16.00	12.00	12.69
East Central	45	10.00-20.00	15.00	13.78	51	4.00-20.00	12.00	12.92	24	4.00-18.00	12.00	12.08
Southwest	14	8.00-18.00	15.00	13.71	29	10.00-16.00	12.00	12.19	10	10.00-16.00	12.00	12.50
South Central	25	11.00-17.00	15.00	13.20	105	6.00-17.00	12.00	12.17	13	12.00-16.00	12.00	13.15
Southeast	67	8.00-19.00	15.00	13.30	89	7.00-19.00	12.00	12.07	59	7.00-19.00	12.00	11.85
STATE	382	8.00-20.00	15.00	13.73	536	4.00-20.00	12.00	12.44	221	4.00-20.00	12.00	12.66
	CORN				BARLEY				DRY EDIBLE BEANS			
Northwest	1/				59	8.00-18.00	12.00	12.59	4	12.50-22.50	13.50	15.50
North Central	7	10.00-25.00	15.00	14.71	36	7.00-19.00	12.00	12.38	1/			
Northeast	24	10.00-25.00	15.00	16.73	91	8.00-16.00	12.00	13.26	34	12.00-25.00	15.00	17.06
West Central	4	12.00-20.00	15.00	15.33	54	9.00-17.00	12.00	12.27	5	19.00-25.00	15.00	20.60
Central	14	10.00-25.00	15.00	16.79	61	9.00-16.00	12.00	12.99	5	13.00-25.00	15.00	17.20
East Central	17	12.00-22.00	15.00	15.74	59	4.00-20.00	12.00	12.90	34	6.00-25.00	15.00	16.31
Southwest	5	12.00-20.00	15.00	15.20	27	10.00-16.00	12.00	12.32	1/			
South Central	12	10.00-18.00	15.00	14.42	95	6.00-16.00	12.00	12.18	1/			
Southeast	51	8.00-20.00	15.00	14.11	88	7.00-19.00	12.00	12.14	17	10.00-25.00	15.00	16.47
STATE	136	8.00-25.00	15.00	15.18	570	4.00-20.00	12.00	12.58	105	6.00-25.00	15.00	16.84
	SOYBEANS				SOYBEANS							
Northwest	1/				1/							
North Central	1/				4	11.50-17.00	16.00	15.13				
Northeast	19	11.00-20.00	15.00	15.66	21	10.00-20.00	15.00	14.93				
West Central	1/				1/							
Central	1/				1/							
East Central	15	10.00-20.00	15.00	14.57	18	11.00-20.00	15.00	14.69				
Southwest	1/				1/							
South Central	1/				1/							
Southeast	18	8.00-19.00	12.00	12.53	15	7.00-20.00	12.00	12.30				
STATE	61	8.00-20.00	15.00	14.33	67	7.00-20.00	15.00	14.17				

* Includes durum, other spring and winter wheat.
1/ Too few reports for stable average; included in state figures.

Custom Farm Work Rates by Crop Reporting District, North Dakota, 1981

District	No. of Rpts.	Range In Rates	Most Frequent Rate Reported	Average Rate	No. of Rpts.	Range In Rates	Most Frequent Rate Reported	Average Rate	No. of Rpts.	Range In Rates	Most Frequent Rate Reported	Average Rate
	SWATHING GRAIN Self-Propelled (Dollars per Acre)				SWATHING GRAIN PTO Unit (Dollars per Acre)				MOWING HAY (Dollars per Acre)			
Northwest	48	1.25- 5.00	4.00	3.33	27	2.00- 5.00	3.00	3.14	5	1.25- 7.00	3.00	3.65
North Central	23	2.00- 6.00	4.00	3.47	11	1.35- 6.00	3.00	3.33	1/			
Northeast	40	1.00- 5.00	3.00	3.41	34	1.50- 5.00	3.00	2.95	9	2.00- 5.00	3.00	2.96
West Central	55	2.00- 6.00	4.00	3.54	19	2.00- 5.00	3.00	3.26	5	1.00- 6.00	3.00	3.60
Central	40	1.50- 6.00	3.00	3.66	19	1.50- 4.50	3.00	3.13	5	1.50- 5.00	3.00	3.90
East Central	31	2.00- 6.00	3.00	3.52	14	2.00- 5.00	3.00	2.88	8	1.25- 5.00	3.00	2.88
Southwest	35	2.50- 6.00	3.00	3.[illegible]	7	2.00- 5.75	3.00	3.54	4	2.00- 6.00	3.00	3.50
South Central	72	1.50- 5.00	3.00	[illegible]	12	1.00- 5.00	3.00	3.02	8	2.00- 4.25	3.00	3.09
Southeast	49	2.00- 6.00	3.00	[illegible]	12	2.00- 4.00	3.00	2.83	8	2.00- 8.00	3.00	3.50
STATE	393	1.00- 6.00	3.00	3.[illegible]	155	1.00- 6.00	3.00	3.12	55	1.00- 8.00	3.00	3.38
	SWATHING HAY (Dollars per Acre)				MAKING CORN SILAGE Field Chopping Only (Dollars per Acre)				BALING Square Bales w/Twine (Dollars per Bale)			
Northwest	19	2.00- 6.00	4.00	4.00	1/				22	.14- .40	.20	.25
North Central	7	2.50- 6.00	4.00	4.11	5	8.00-20.00	10.00	12.20	17	.10- .50	.20	.30
Northeast	7	4.00- 6.00	4.00	4.93	6	10.00-25.00	10.00	17.00	25	.15- .60	.20	.29
West Central	18	3.00-10.00	4.00	5.14	19	4.50-26.00	15.00	15.00	34	.12- .65	.20	.26
Central	8	3.50- 8.00	4.00	4.69	11	10.00-20.00	15.00	16.18	16	.15- .60	.20	.30
East Central	11	1.50- 8.00	4.00	4.23	9	10.00-35.00	20.00	18.33	19	.15- .50	.20	.29
Southwest	26	2.50-10.00	4.00	4.82	8	5.00-30.00	20.00	14.00	13	.20- .35	.20	.28
South Central	26	2.00- 7.50	4.00	4.37	31	4.00-25.00	15.00	14.84	25	.15- .60	.20	.29
Southeast	25	2.00- 8.00	4.00	4.00	23	7.00-22.00	15.00	14.20	27	.10- .45	.20	.28
STATE	147	1.50-10.00	4.00	4.45	112	4.00-35.00	15.00	15.09	200	.10- .65	.20	.28
	BALING Round Bales, 1000-1500 lbs. (Dollars per Bale)				CLEANING SEED GRAIN (Dollars per Bushel)				TREATING SEED GRAIN (Dollars per Bushel)			
Northwest	51	1.50- 8.00	5.00	5.15	106	.05- .35	.20	.22	23	.07- .60	.20	.29
North Central	42	3.00- 8.00	5.00	5.31	53	.13- .45	.20	.22	22	.06- .50	.20	.29
Northeast	48	2.00- 8.00	5.00	4.79	94	.05- .50	.20	.26	30	.12- .30	.20	.31
West Central	66	4.00-10.00	5.00	5.55	42	.05- .40	.20	.21	24	.07- .50	.20	.20
Central	63	3.00- 6.25	5.00	4.79	62	.10- .50	.20	.24	13	.20- .45	.20	.28
East Central	26	3.00- 8.00	5.00	5.11	50	.15- .50	.20	.34	20	.10- .62	.20	.33
Southwest	31	5.00- 8.00	5.00	5.89	34	.10- .50	.20	.24	19	.10- .50	.20	.25
South Central	87	2.75- 8.00	5.00	5.02	97	.08- .40	.20	.22	41	.05- .50	.20	.24
Southeast	75	3.00-12.00	5.00	4.65	94	.05- .30	.20	.23	9	.05- .50	.20	.23
STATE	489	1.50-12.00	5.00	5.08	632	.05- .50	.20	.24	201	.05- .62	.20	.27
	CLEANING FLAXSEED (Dollars per Bushel)				FARM DRAINAGE OR DITCHING (Dollars per Hour)				ROCK PICKING (Dollars per Hour)			
Northwest	15	.20- .60	.30	.37	7	40.00-75.00	40.00	51.43	15	6.50-80.00	25.00	28.37
North Central	19	.15- .55	.20	.30	7	20.00-60.00	40.00	42.14	1/			
Northeast	18	.12- 1.00	.20	.51	18	20.00-70.00	45.00	42.50	15	5.50-65.00	10.00	25.17
West Central	1/				4	20.00-60.00	45.00	47.50	18	10.00-50.00	25.00	23.06
Central	27	.15- .70	.50	.40	10	35.00-80.00	50.00	62.50	8	20.00-80.00	25.00	48.13
East Central	15	.25- 1.00	.50	.34	7	24.00-55.00	50.00	44.14	5	12.00-65.00	25.00	40.40
Southwest	1/				4	35.00-45.00	40.00	40.00	6	10.00-50.00	25.00	26.58
South Central	17	.25- .75	.50	.43	4	27.50-35.00	--	31.88	22	8.00-70.00	25.00	36.68
Southeast	43	.09- 1.00	.50	.41	26	25.00-75.00	50.00	52.79	29	7.00-80.00	25.00	39.48
STATE	160	.09- 1.00	.50	.42	87	20.00-80.00	50.00	48.32	120	5.50-80.00	25.00	33.07

1/ Too few reports for stable average; included in state figures.

Custom Farm Work Rates by Crop Reporting District, North Dakota, 1981

District	Basic Charge: No. of Rpts.	Basic Charge: Range in Rates	Basic Charge: Most Frequent Rate Reported	Basic Charge: Average Rate	Average Maximum One-Way Mileage at Basic Charge: No. Rpts.	Average Maximum One-Way Mileage at Basic Charge: Avg. Miles	Add'l. Charge per Mile if Over Base Mileage
	(No.)	- - (Cents/Bushel) - -			(No.)	(No.)	(Cents/Bushel)
HAULING							
WHEAT							
Northwest	66	5-20	10	11.2	51	15.5	1.9
North Central	45	3-21	10	10.6	33	12.0	1.8
Northeast	55	5-48	10	13.5	32	12.4	2.6
West Central	46	5-20	10	11.4	34	18.3	2.0
Central	37	5-20	10	10.2	23	11.3	1.7
East Central	39	5-15	10	9.4	28	13.7	4.2
Southwest	38	4-40	10	11.8	19	14.4	1.1
South Central	52	5-20	10	10.6	27	14.0	3.2
Southeast	40	3-20	10	9.9	24	13.0	2.8
STATE	418	3-48	10	11.1	271	12.1	2.3
OATS							
Northwest	26	5-15	10	10.1	15	15.1	3.2
North Central	27	5-25	10	10.7	17	11.4	2.0
Northeast	16	5-30	10	12.5	11	10.2	1/
West Central	34	5-20	10	10.7	22	17.8	2.7
Central	18	5-15	10	10.0	12	12.1	1/
East Central	22	3-14	10	8.9	15	14.8	1/
Southwest	15	4-40	10	12.9	8	12.6	1.2
South Central	37	5-20	10	10.2	16	12.1	1.8
Southeast	28	3-34	10	10.3	16	13.4	3.2
STATE	223	3-40	10	10.6	132	14.0	2.4
BARLEY							
Northwest	29	6-20	10	10.8	15	15.7	2.4
North Central	31	5-25	10	10.7	18	11.6	2.2
Northeast	35	5-39	10	14.0	20	12.2	1.1
West Central	31	5-20	10	11.0	19	17.9	2.7
Central	17	5-15	10	10.3	11	13.2	1/
East Central	25	4-15	10	9.7	16	14.8	1/
Southwest	14	5-40	10	13.9	7	14.6	1.2
South Central	36	5-20	10	10.6	15	13.7	1.8
Southeast	28	3-20	10	9.9	17	12.9	3.2
STATE	246	3-40	10	11.2	138	14.0	2.2
SUNFLOWER							
		- - (Cents/Cwt.) - -					(Cents/Cwt.)
Northwest	6	10-40	10	20.3	3	10.0	1/
North Central	9	15-40	10	21.9	6	11.7	1/
Northeast	16	6-40	10	15.4	13	10.9	3.8
West Central	5	7-20	10	12.2	4	17.5	1/
Central	4	10-15	10	12.0	1/		1/
East Central	17	7-35	10	13.5	7	13.9	1/
Southwest	7	7-30	10	14.0	1/		1/
South Central	7	7-35	10	21.0	1/		1/
Southeast	18	5-40	10	15.2	11	15.2	3.2
STATE	89	5-40	10	16.0	51	12.6	2.9

District	Basic Charge: No. of Rpts.	Basic Charge: Range in Rates	Basic Charge: Most Frequent Rate Reported	Basic Charge: Average Rate	Average Maximum Moisture Content For Basic Charge: No. Rpts.	Average Maximum Moisture Content For Basic Charge: Avg. Moist.	Extra Charge Charge for Each Add'l. 1% Moisture Removed
	(No.)	- - (Cents/Bushel) - -			(No.)	(Percent)	(Cents/Bushel)
DRYING							
WHEAT							
Northwest	34	7-40	10	17.6	31	15.6	3.1
North Central	21	8-35	10	17.8	17	17.3	3.2
Northeast	69	8-40	10	16.0	60	16.3	3.0
West Central	13	3-21	10	11.0	11	16.4	2.5
Central	18	8-30	10	17.4	14	15.3	2.3
East Central	28	4-40	10	15.5	22	16.1	3.9
Southwest	9	5-30	10	17.8	5	14.8	1/
South Central	8	5-35	10	19.5	6	17.8	4.0
Southeast	29	6-30	10	14.9	26	15.8	3.0
STATE	229	3-40	10	16.2	197	16.1	3.0
SUNFLOWER							
		- - (Cents/Cwt.) - -					(Cents/Cwt.)
Northwest	23	7-50	30	27.3	19	15.1	4.8
North Central	18	10-35	30	23.0	18	16.2	3.8
Northeast	46	7-65	20	30.5	39	15.1	5.2
West Central	5	9-25	20	16.8	4	14.2	1/
Central	20	8-70	20	28.9	19	13.5	4.9
East Central	31	12-50	20	36.3	24	15.4	10.3
Southwest	4	15-40	20	31.3	4	14.5	4.0
South Central	7	10-40	20	26.4	6	14.5	9.2
Southeast	27	9-60	20	25.7	29	14.5	5.6
STATE	181	7-70	20	28.9	162	14.9	5.9

1/ Too few reports for stable average; included in state figures.

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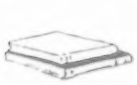
WHERE TO FIND HISTORIC COUNTY ESTIMATES

Most county estimates are issued through a procedure whereby preliminary estimates are subject to revision the following year. Also, changes may be made following the review of Census of Agriculture data which are normally available every five years. Thus, individual estimates for the same item may be released in three different publications, two of which may be out of date.

The publication reference below shows which publication contains the most up-to-date county estimates for a particular commodity in a particular year. Each county estimate publication is assigned a sequential bulletin number which serves to uniquely identify it. To use the table simply locate the commodity of interest in the left hand column. Read across that row until the desired year is found. The heading at the top of that column identifies the proper publication in which to find the county estimates.

The reference table shows all available historic county estimates beginning with the first year that estimates were prepared and continuing through 1981 for most commodities. County estimates for most major crops were begun in 1919 and for livestock in 1925 although there are exceptions to both as indicated in the table. Separate estimates of the production of corn for grain were begun in 1957, while corn silage and forage acreage estimates were not begun until 1959. Estimates of commercial grain storage capacity were not made in 1959, nor in 1961-64.

Estimates for all livestock are on a January 1 inventory number basis until 1968 when hog inventory was changed to a December 1 basis. The chicken inventory date was changed to December 1 in 1970. Cattle and sheep inventory dates remain January 1. County estimates for all sheep were dropped after 1940 and begun again in 1971 to conform with Agricultural Census wording.



PUBLICATION REFERENCE

Item	Agricultural Statistics										
	No. 3 5/	No. 5	No. 9	No. 175/	No. 30	No. 33	No. 36	No. 43	No. 46	No. 49	No. 50
Wheat, All	1919-54					1955-70		1971-75		1976-79	1980-81
Winter	Included in Other Spring Wheat prior to 1964					1964-70		1971-75		1976-79	1980-81
Durum	1929-54					1955-70		1971-75		1976-79	1980-81
Other Spring	1929-54					1955-70		1971-75		1976-79	1980-81
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Barley		1919-54					1955-70	1971-75		1976-79	1980-81
Rye		1919-54					1955-70	1971-75		1976-79	1980-81
Flaxseed	*1919-54								1955-75	1976-79	1980-81
Corn			1919-54				1955-69	1970-75		1976-79	1980-81
Soybeans	1/								1954-75	1976-79	1980-81
Potatoes			1919-54						1955-75	1976-79	1980-81
Sugarbeets									1958-75	1976-79	1980-81
Sunflower									1969-75	1976-79	1980-81
Dry Edible Beans										1977-79	1980-81
Dry Field Peas 2/									1959-69		
Hay, By Kind			1949-54						1955-75	1976-79	1980-81
All Tame Hay			1919-48								
Summer Fallow									1949-75	1976-79	1980-81
Grain Storage Capacity (Commercial)									1958-75	1976-79	1980-81

LIVESTOCK INVENTORY	No. 7					
Cattle, All	1925-60	1961-66	1967-71	1972-76	1977-80	1980-81
Milk Cows	1925-60	1961-66	1967-71	1972-76	1977-80	1980-81
Hogs, All	1925-60	1961-66	1967-70	1972-75	1976-79	1980-81
Sheep, All	1925-40			1971-76	1977-80	1980-81
Stock Sheep 4/	1941-60	1961-66	1967-71	1972-75		
Chickens, All 3/	1951-60	1961-66	1967-70	1971-73		
Horses, All	1925-49	- - - - - - County Estimates Discontinued After 1949 - - - - - -				

* Agricultural Statistics No. 2. 1/ State estimates 1924-51. 2/ Estimates discontinued after 1966. 3/ County estimates discontinued after 1973. 4/ County estimates discontinued after 1975. 5/ Supply exhausted. Photo copies can be obtained through a local printer for approximately $10-12.